

Figure 1

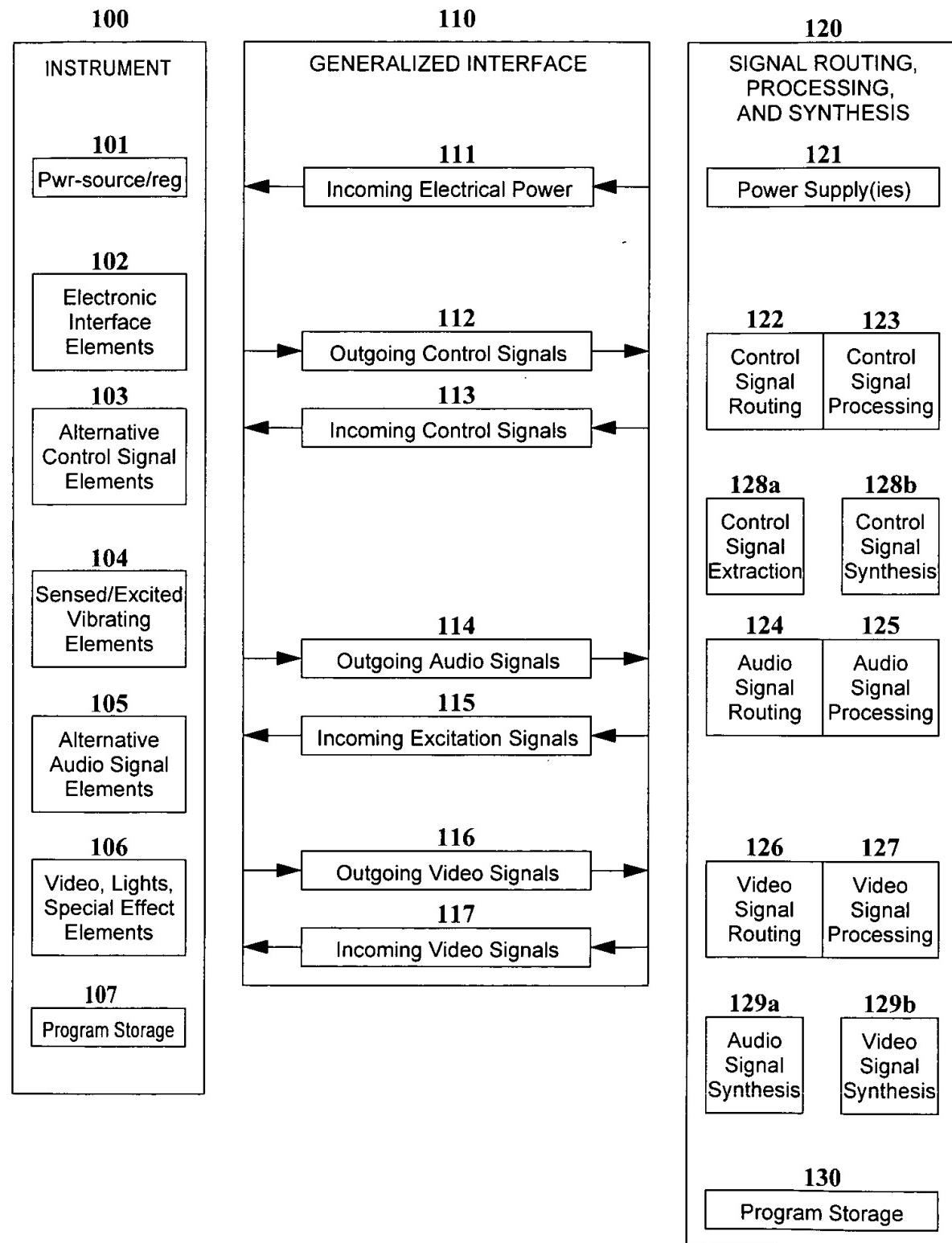


Figure 2

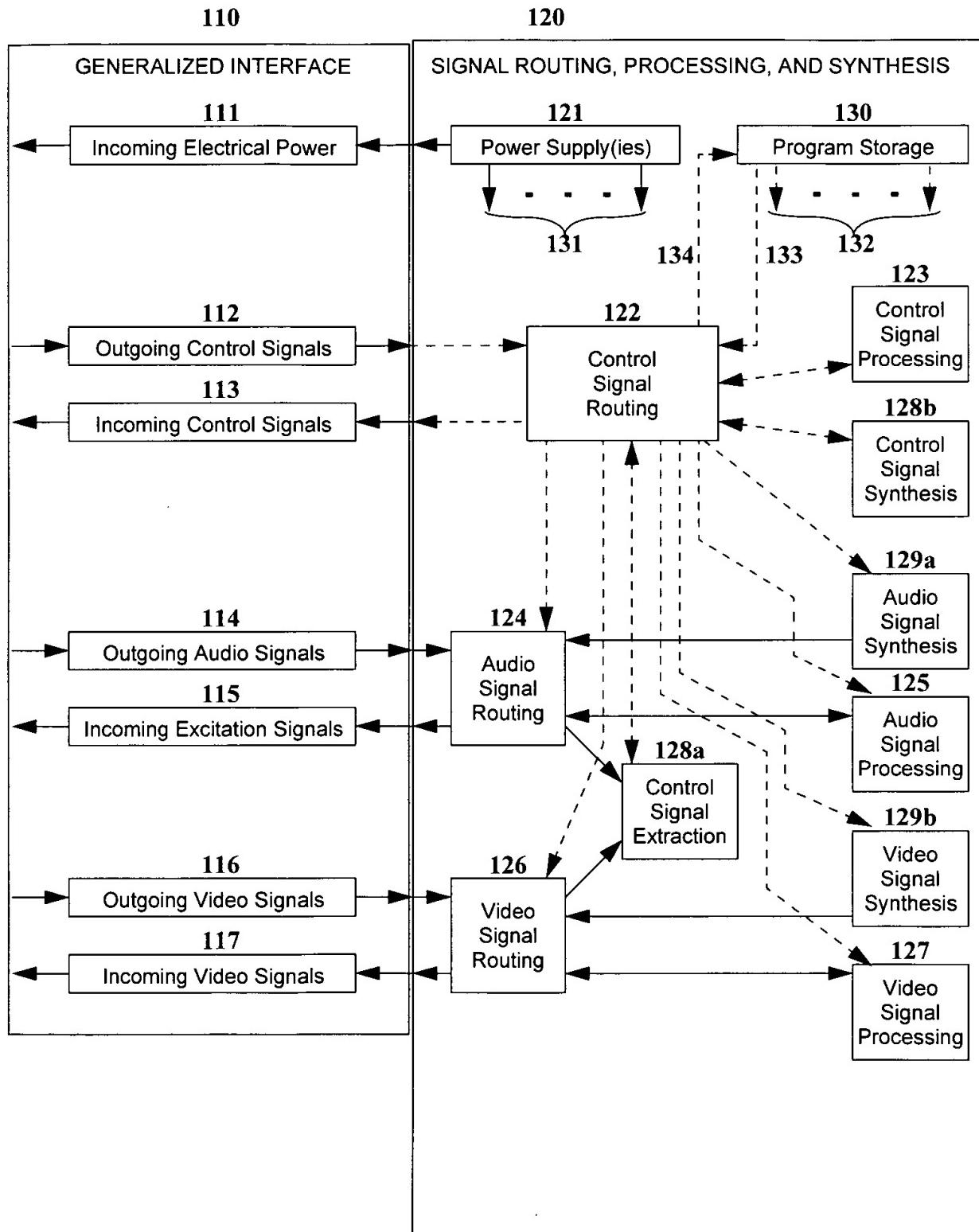


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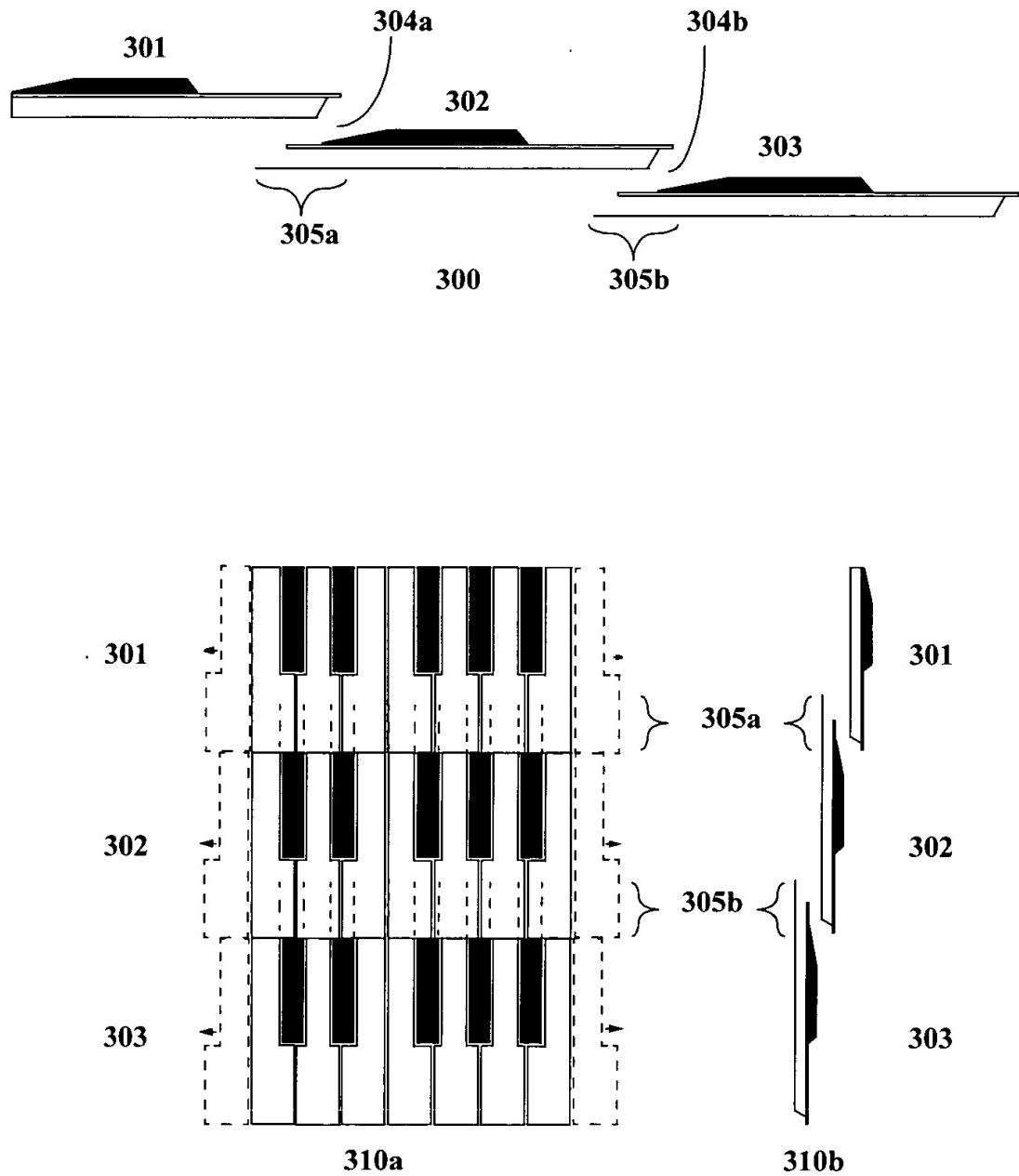


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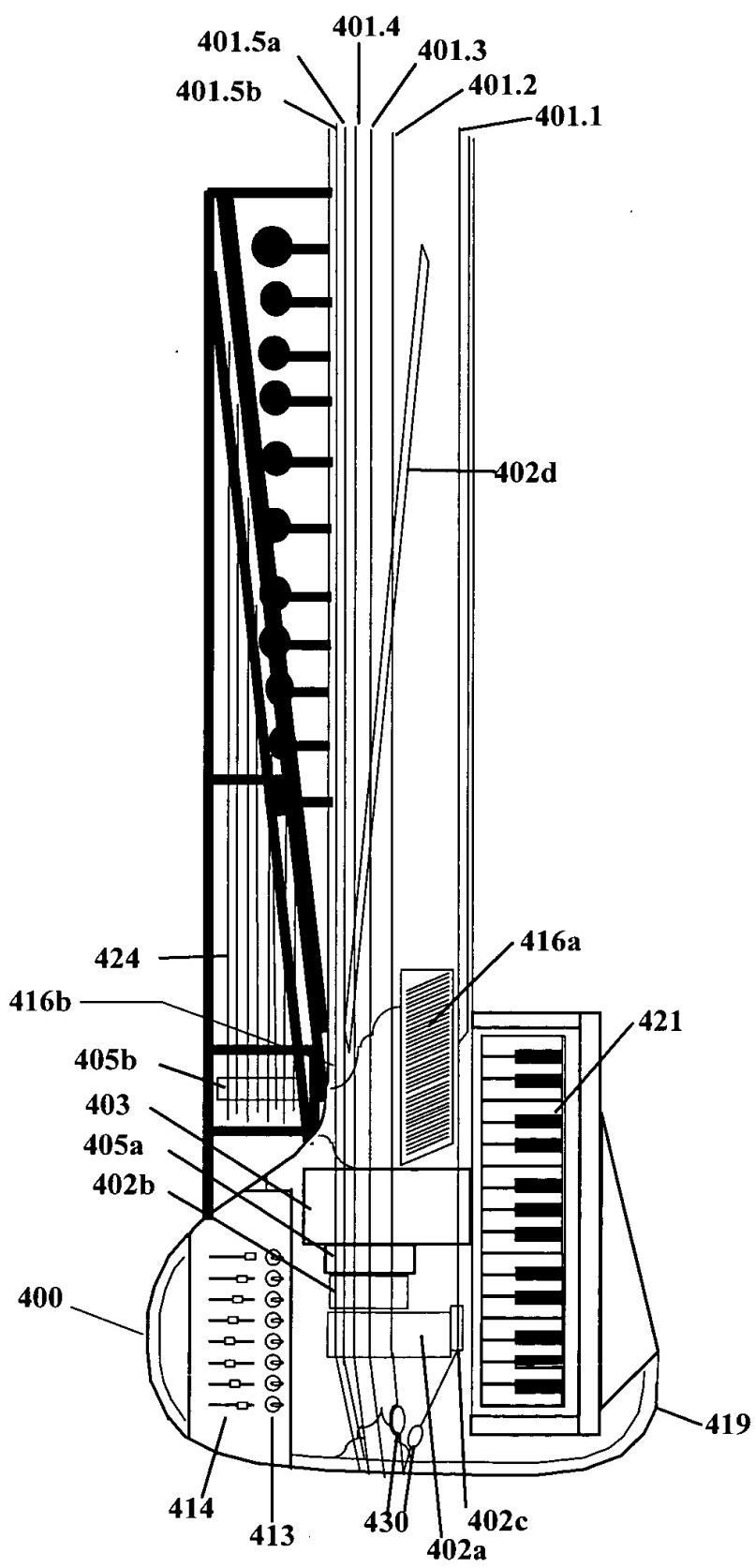


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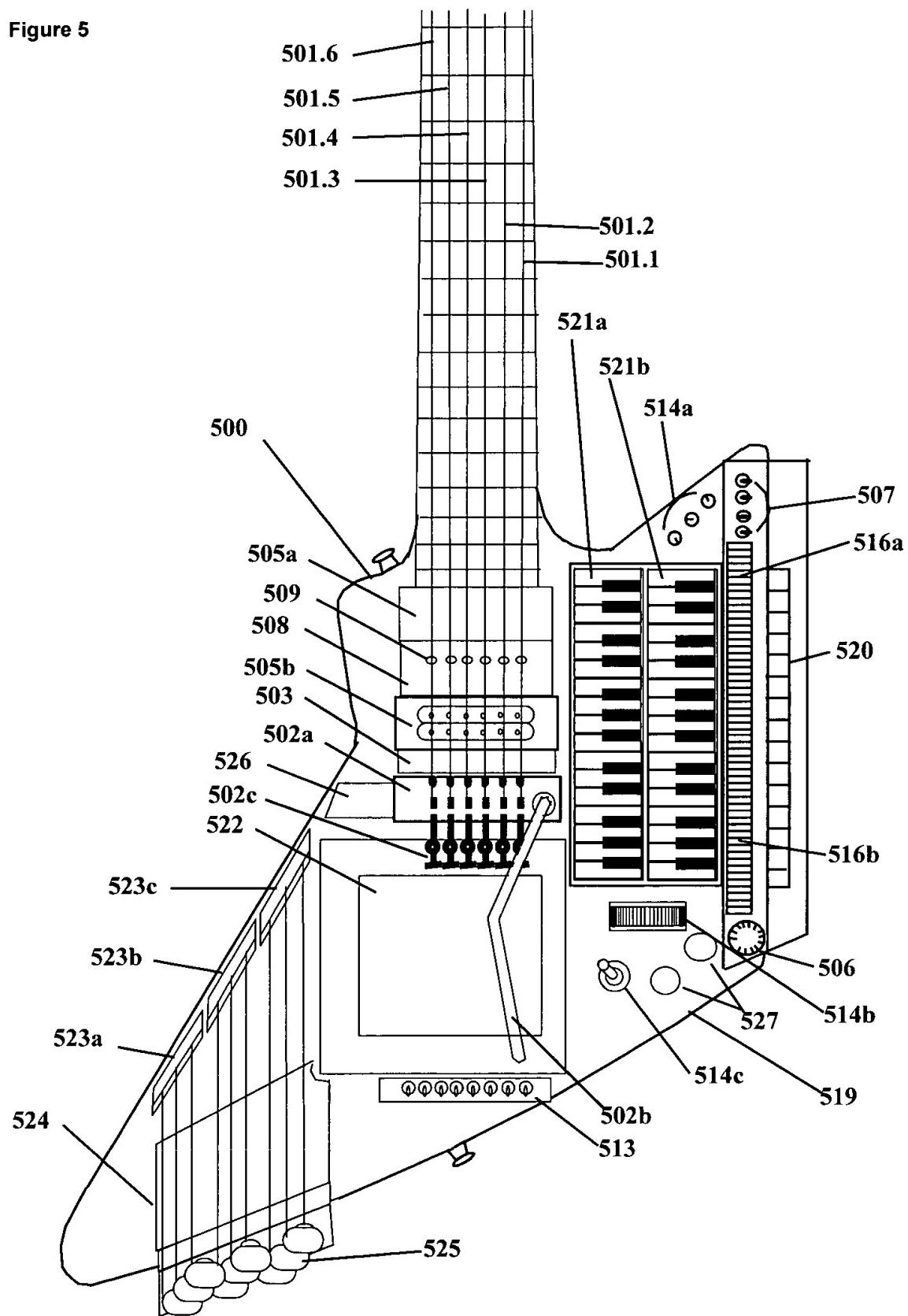


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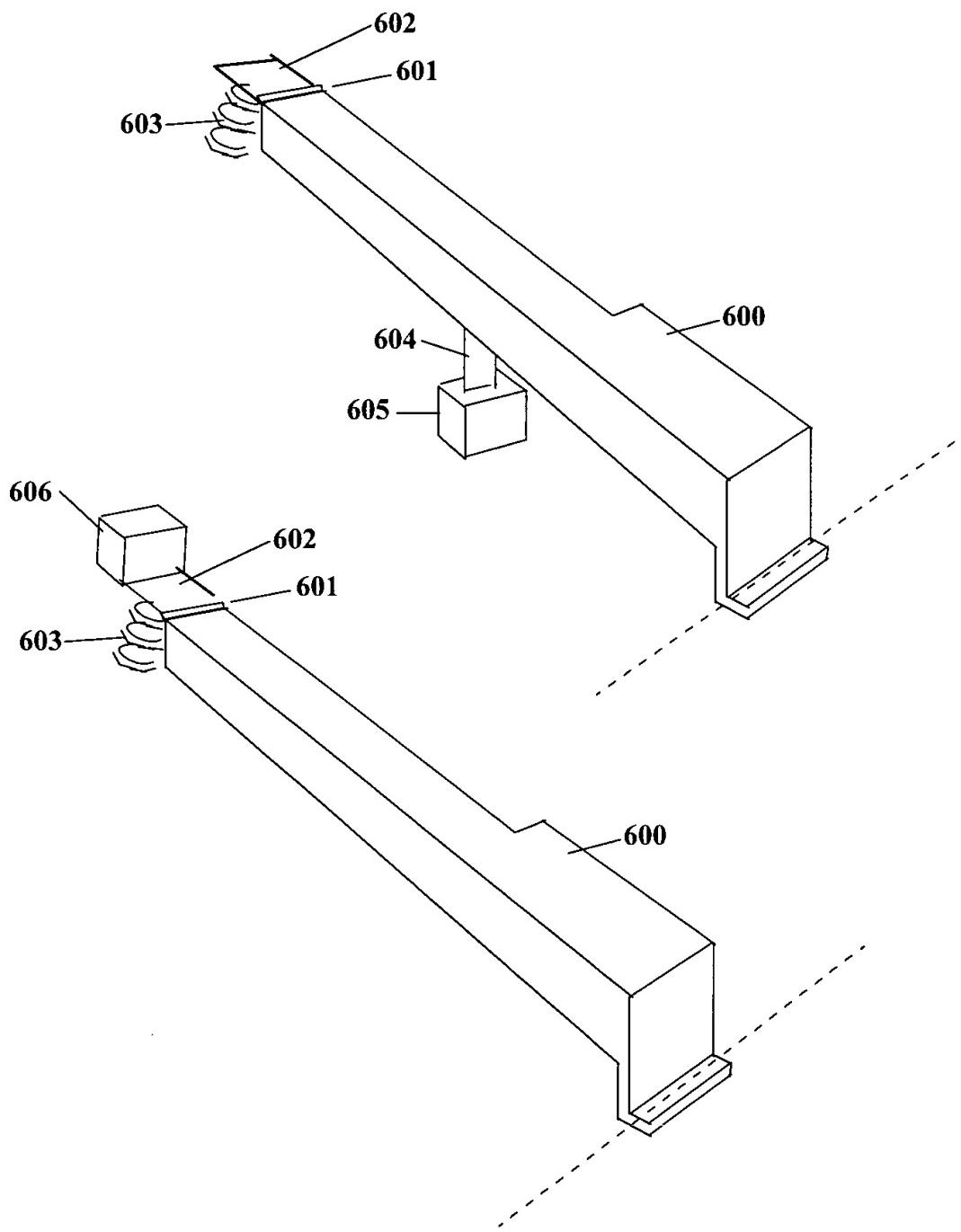


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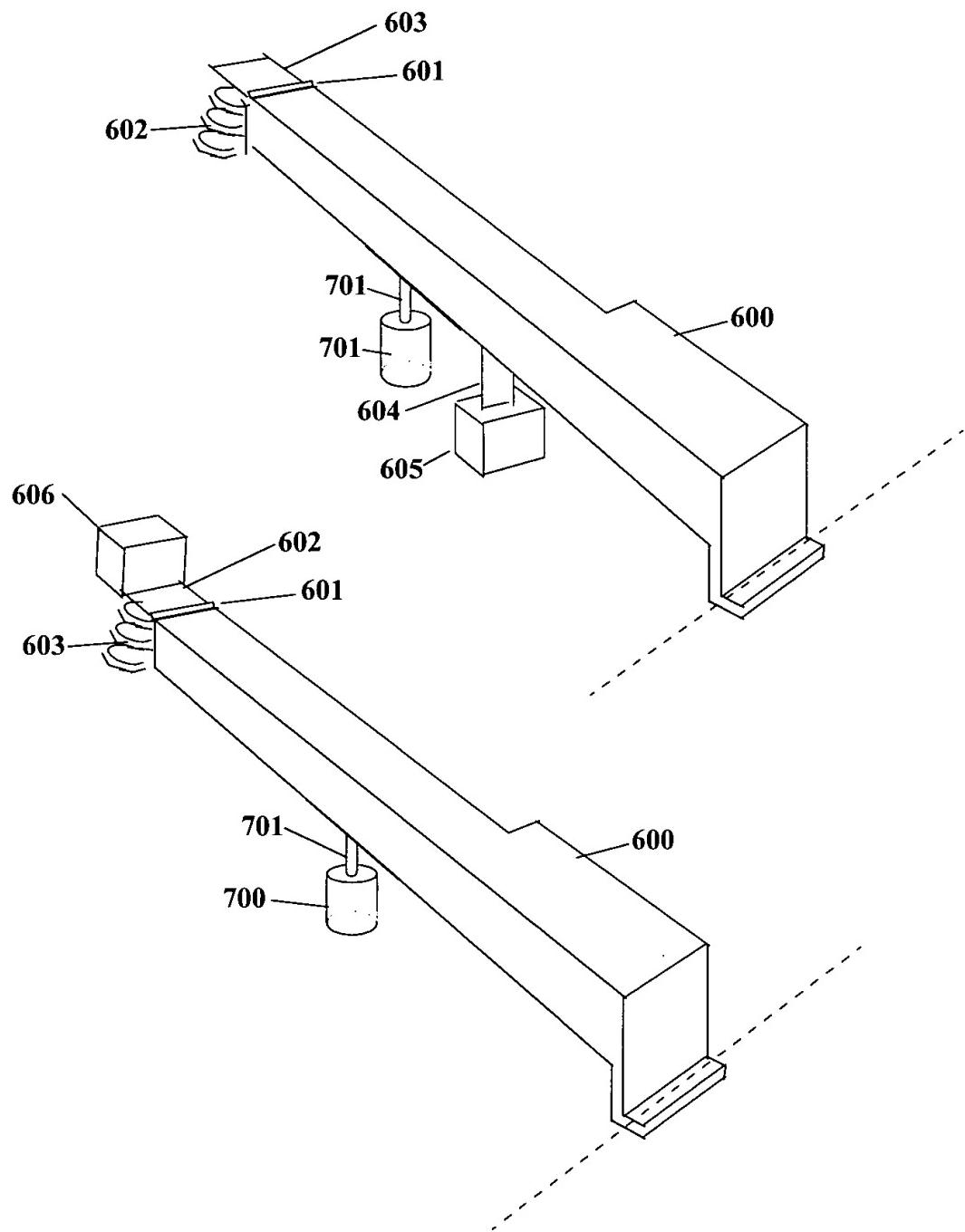


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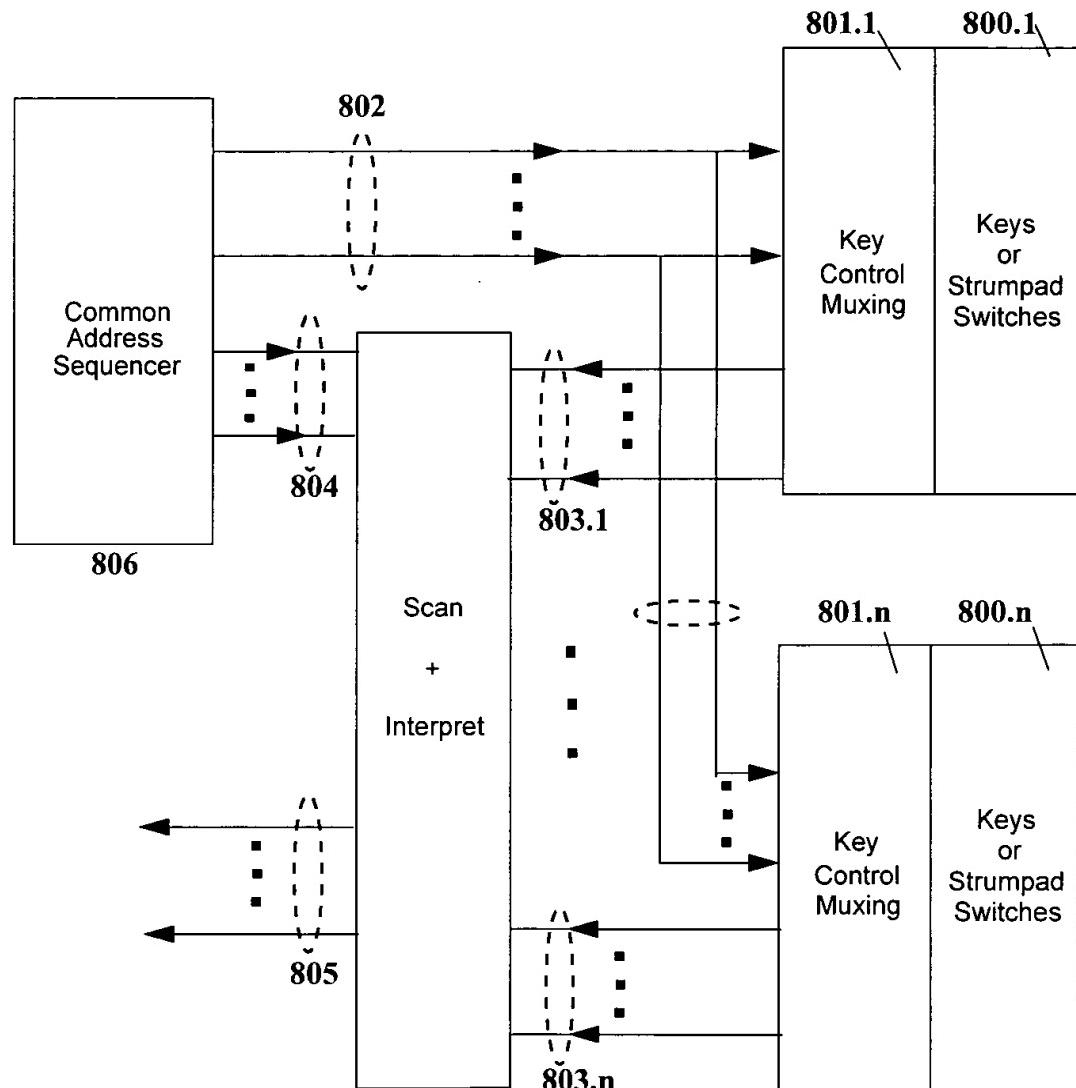


Figure 9

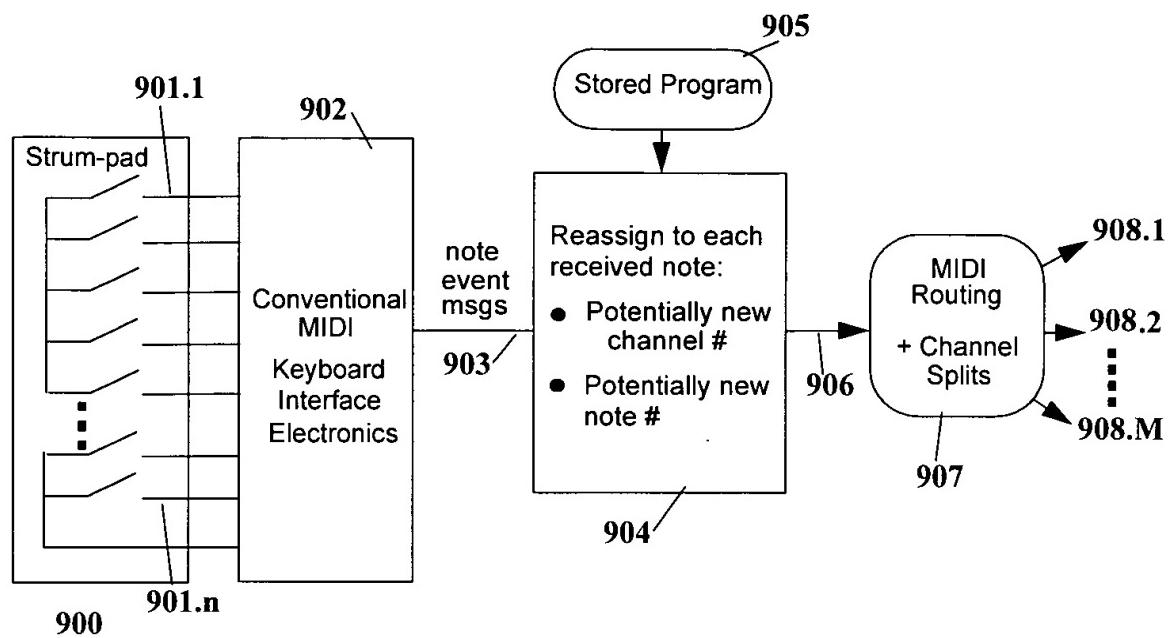


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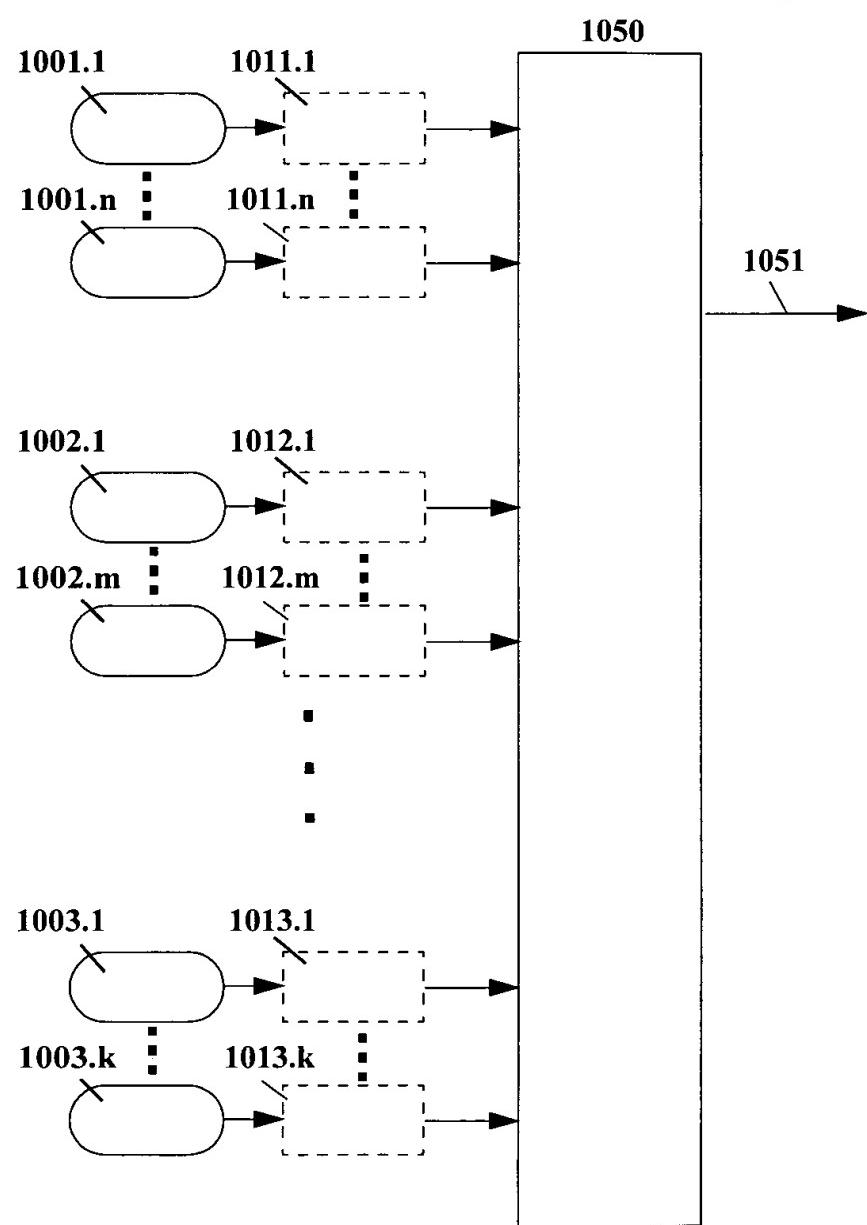


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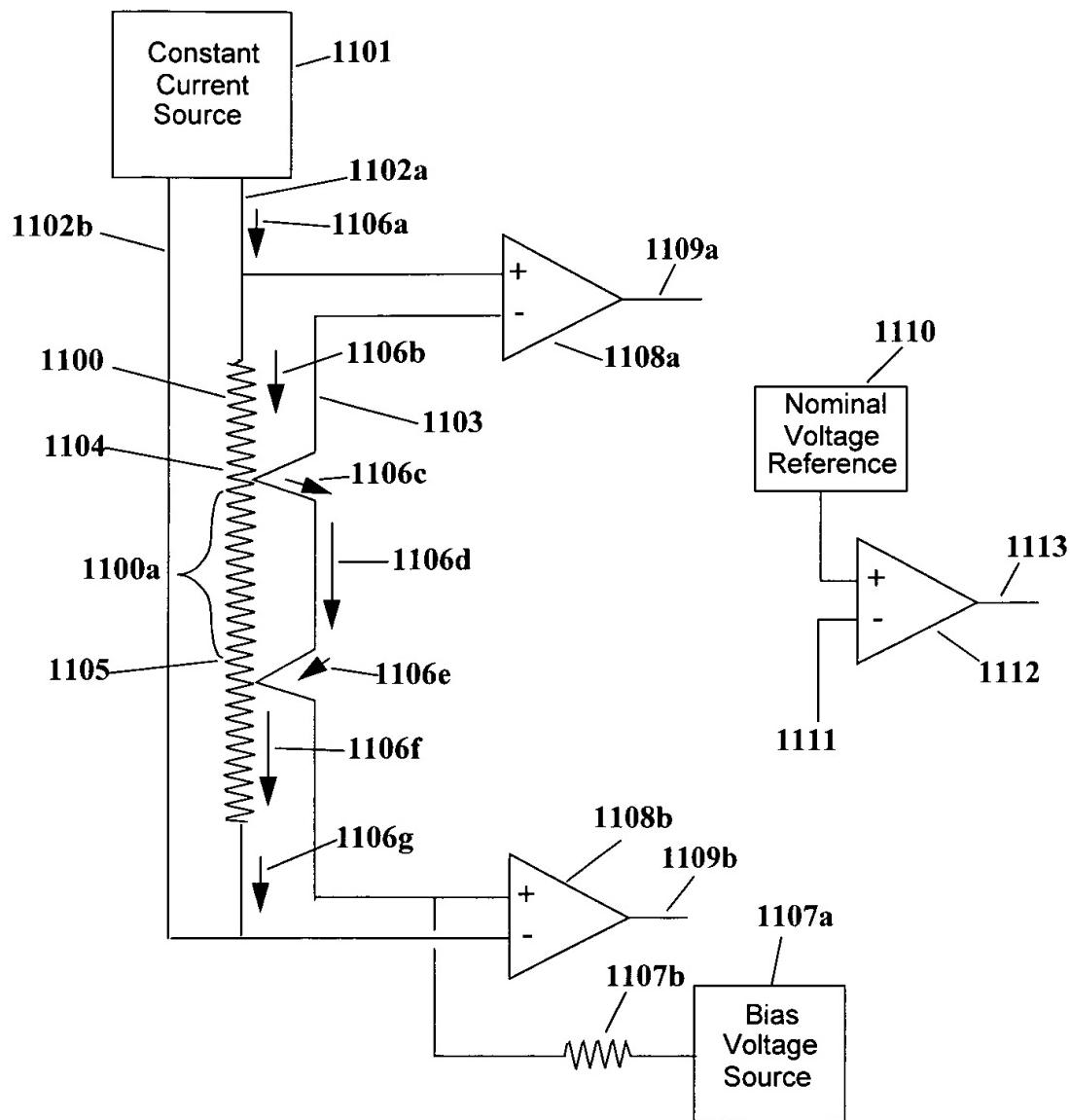


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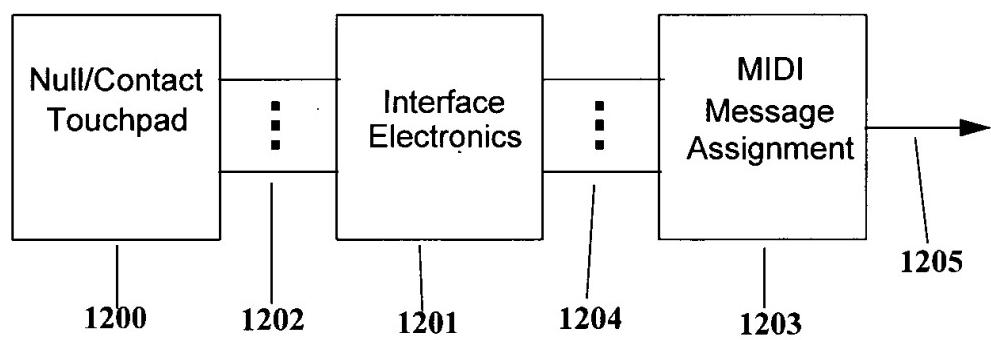


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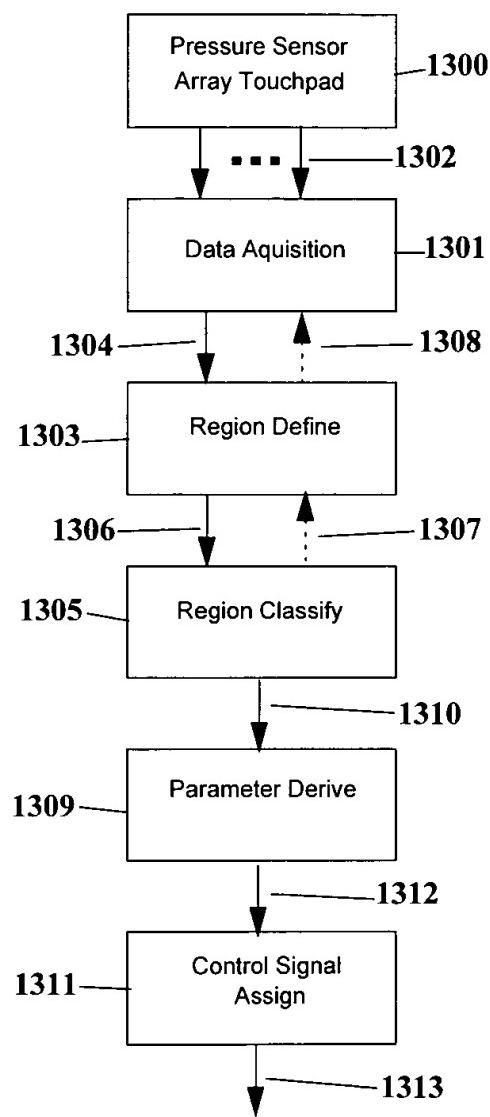


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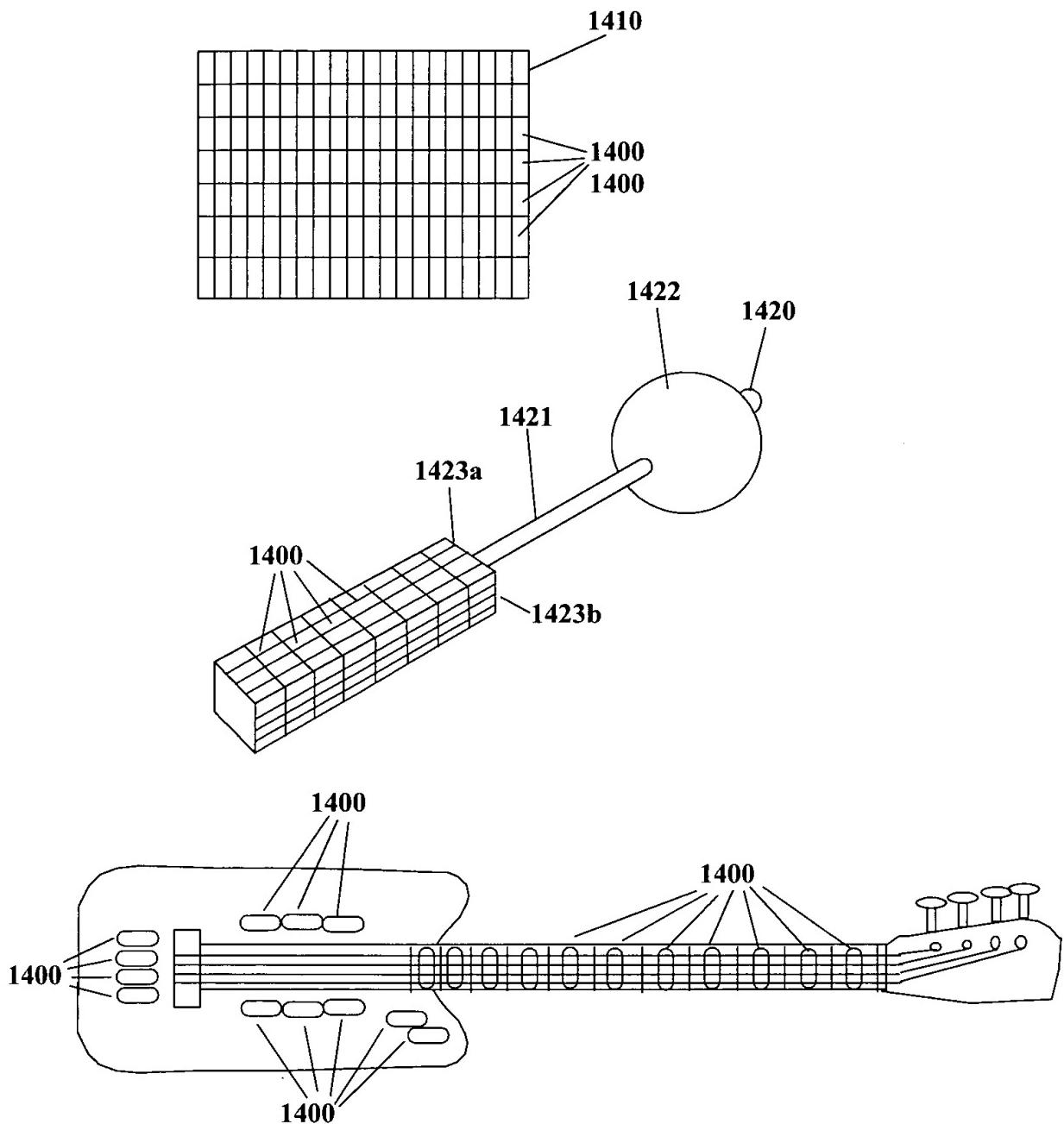


Figure 15

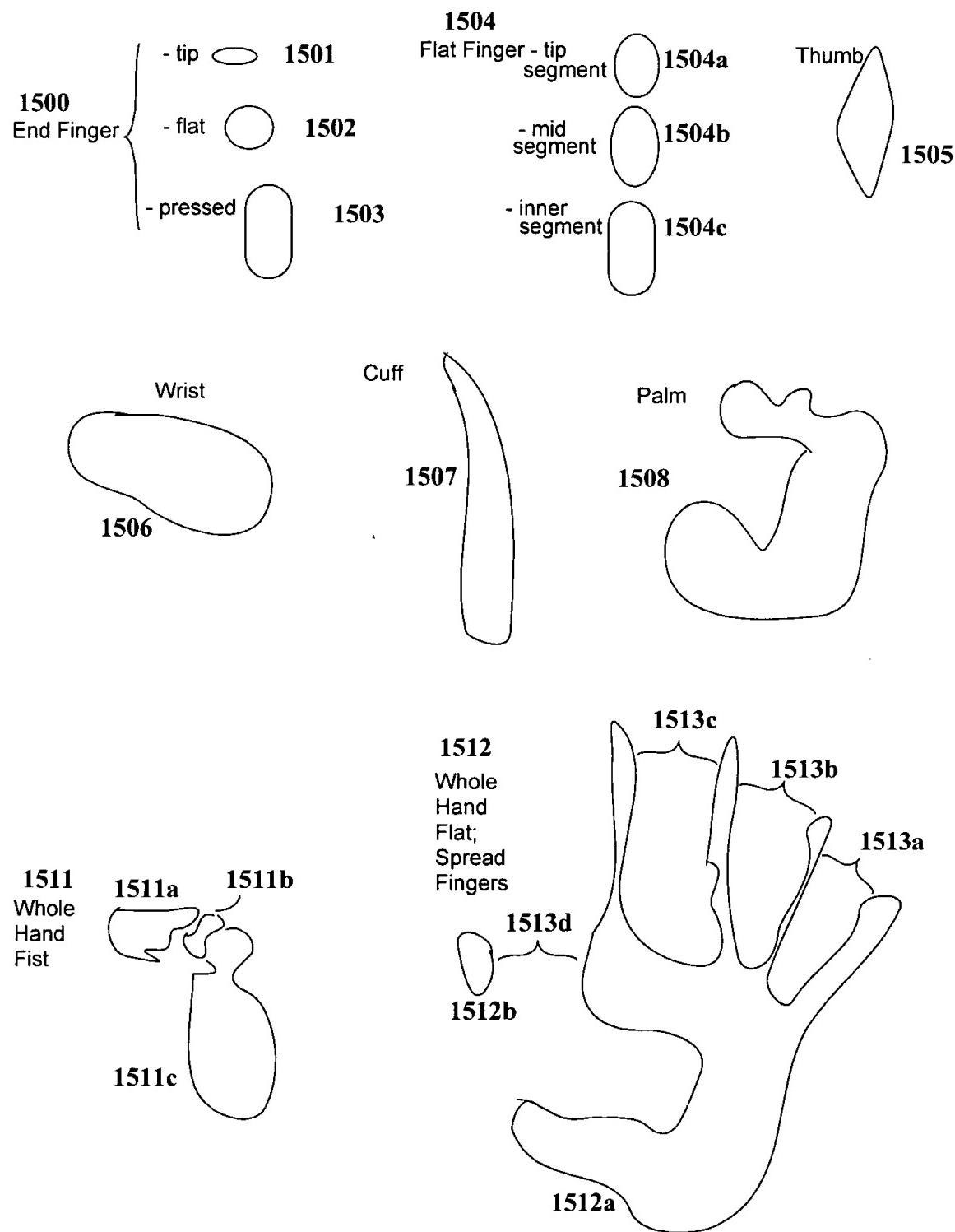


Figure 16

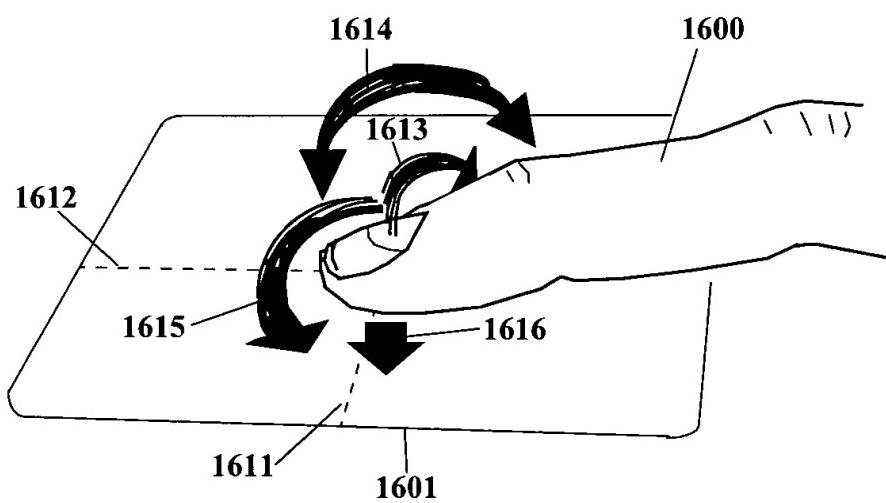


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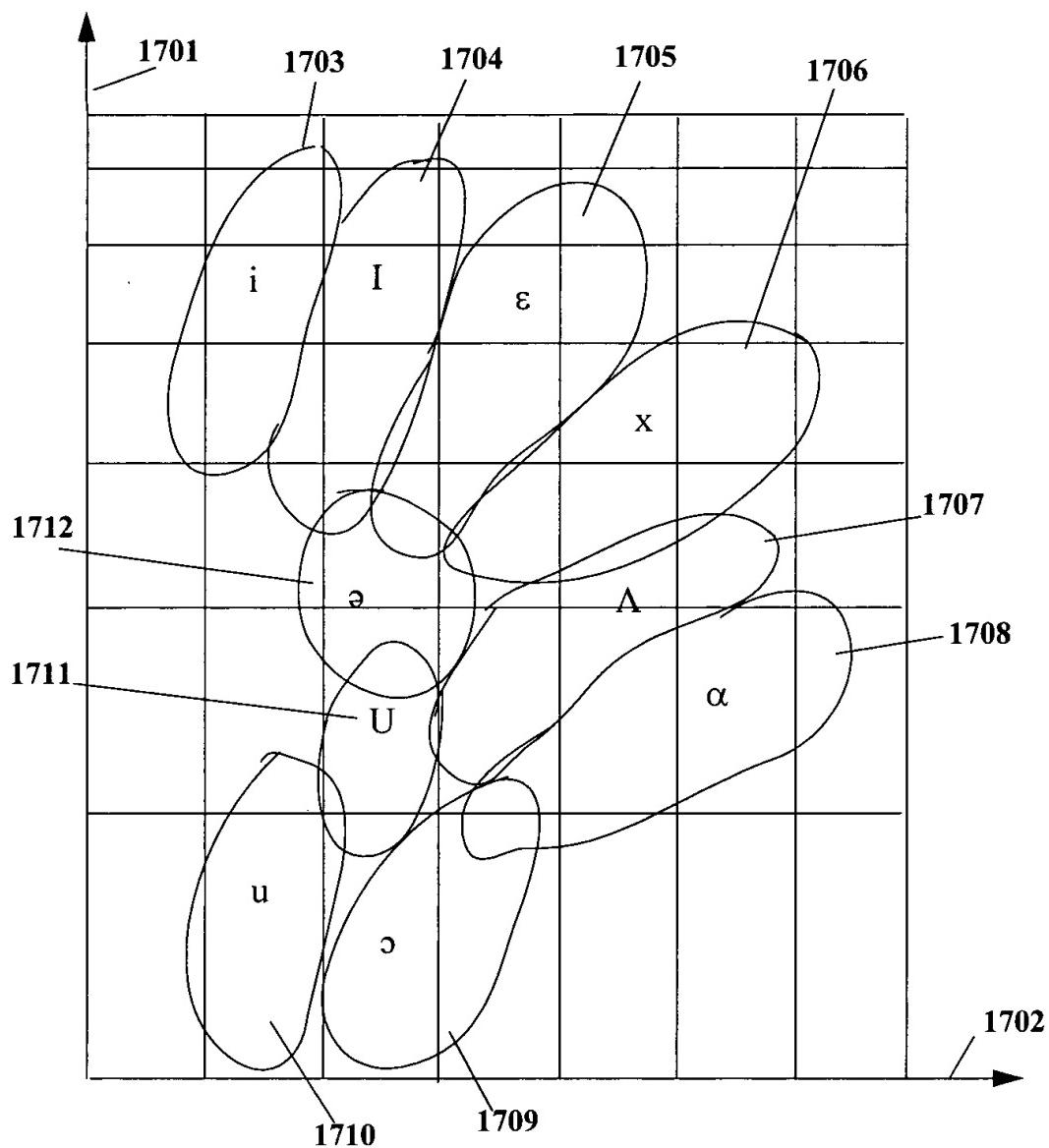


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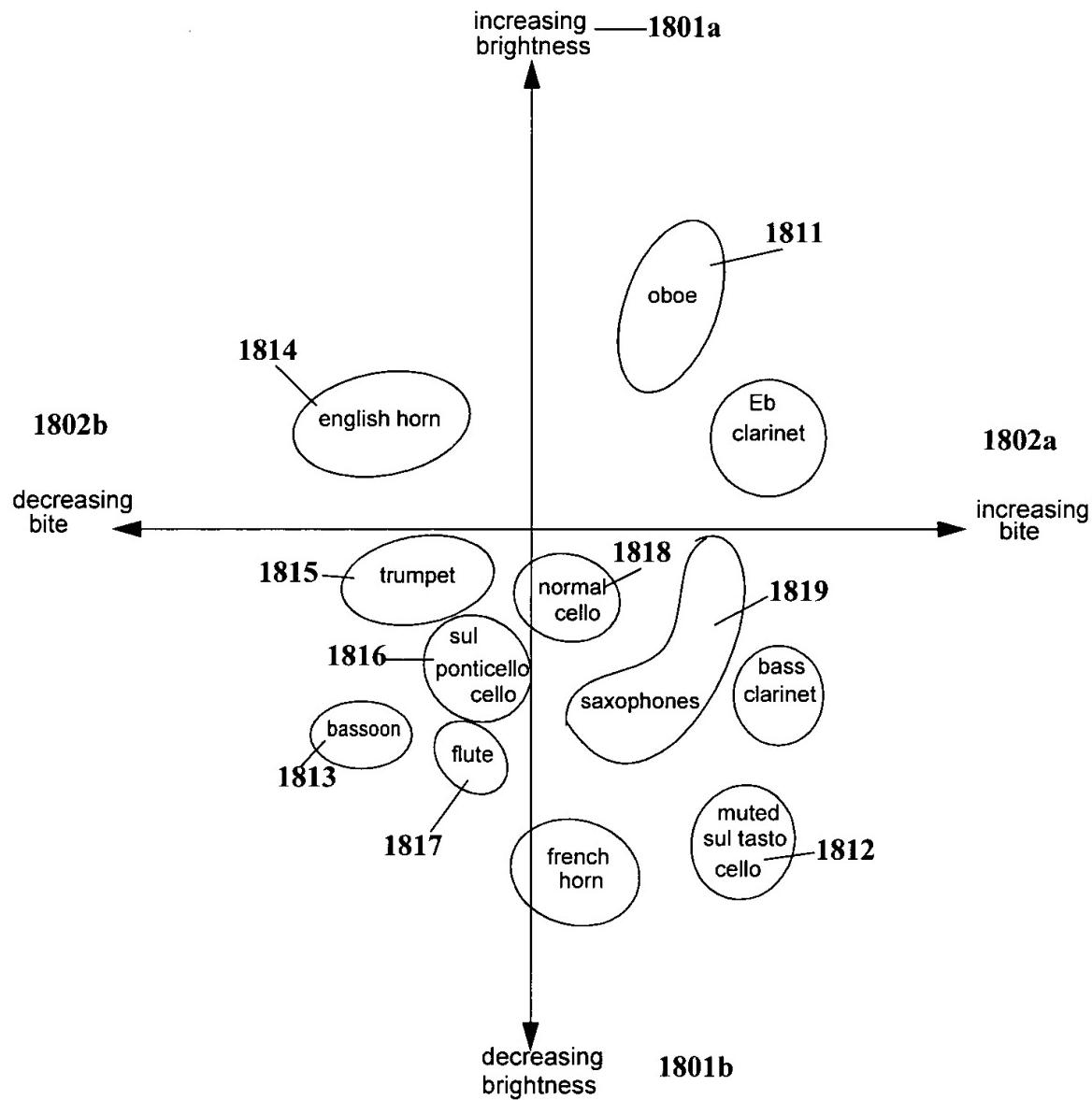


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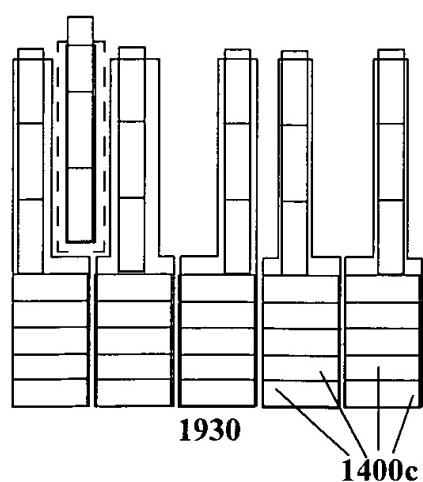
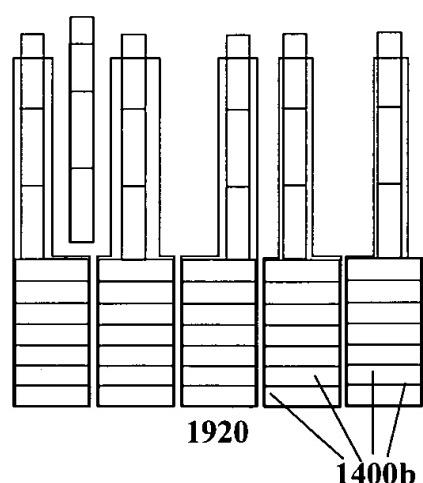
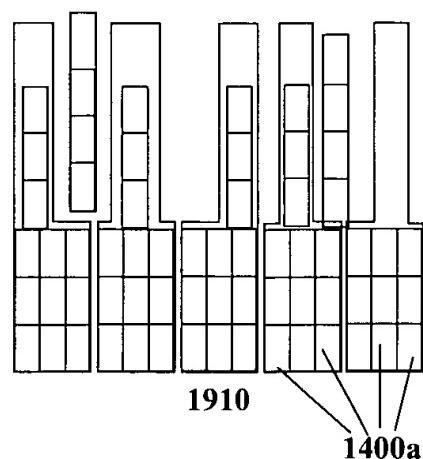
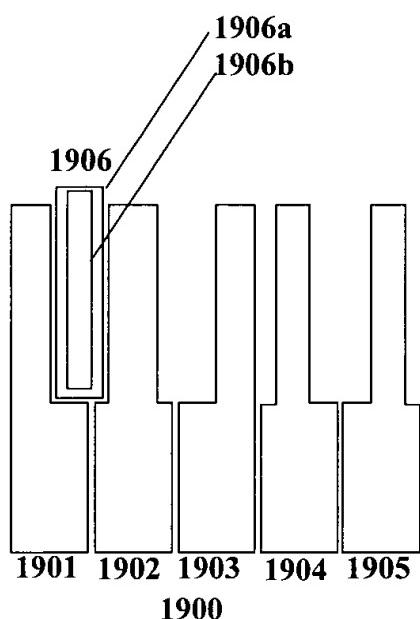


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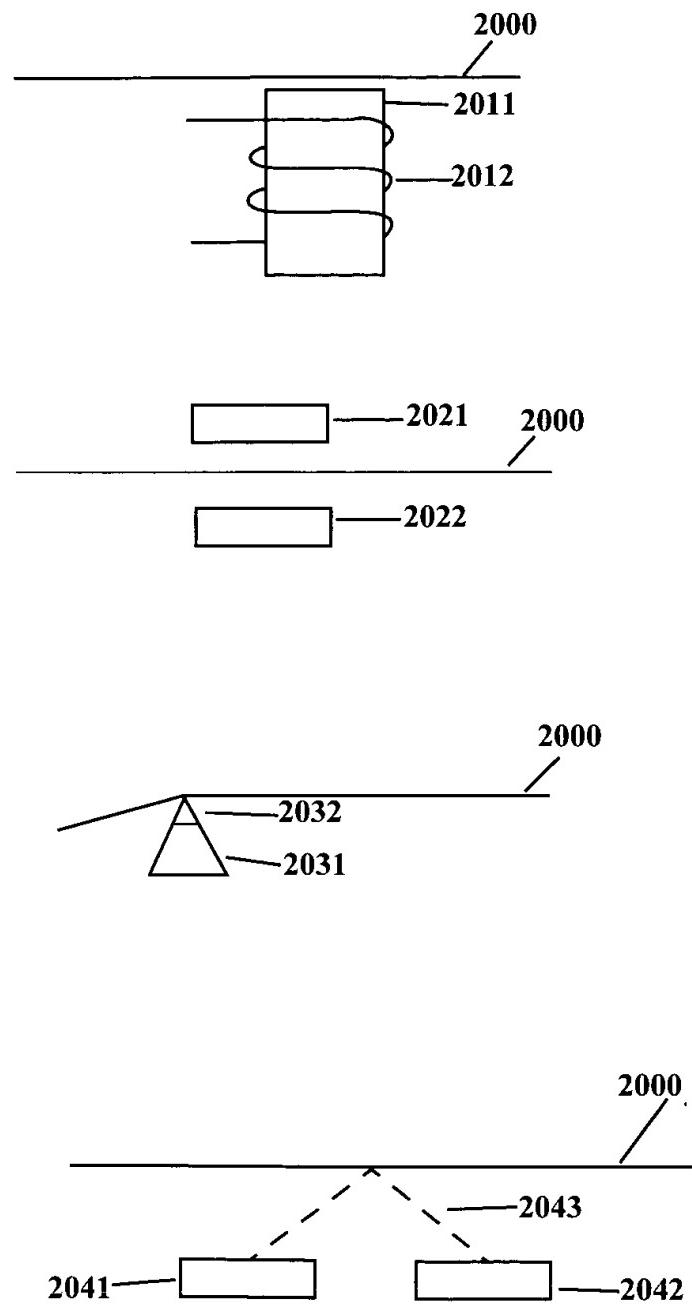


Figure 21

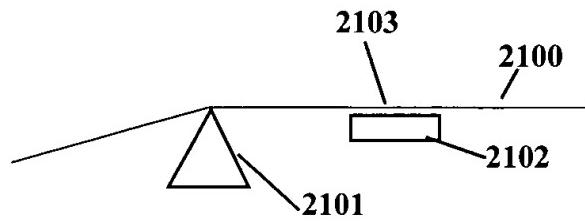


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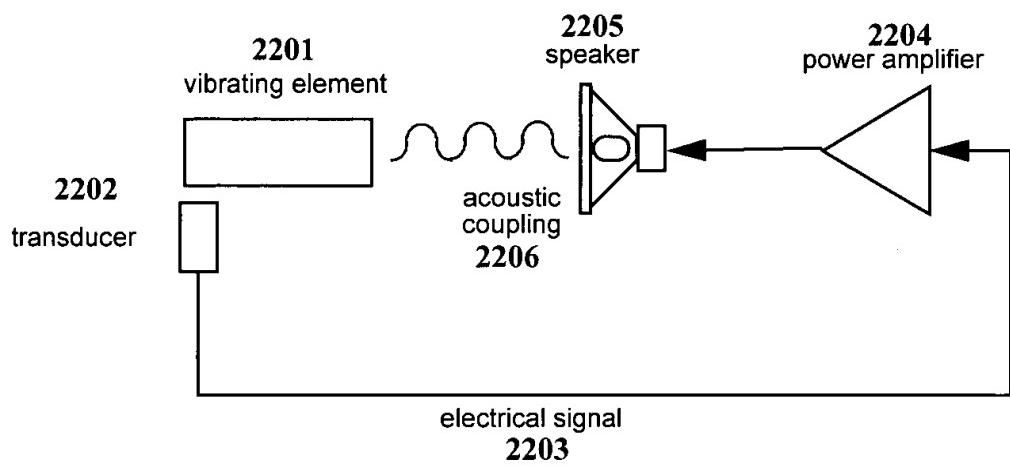


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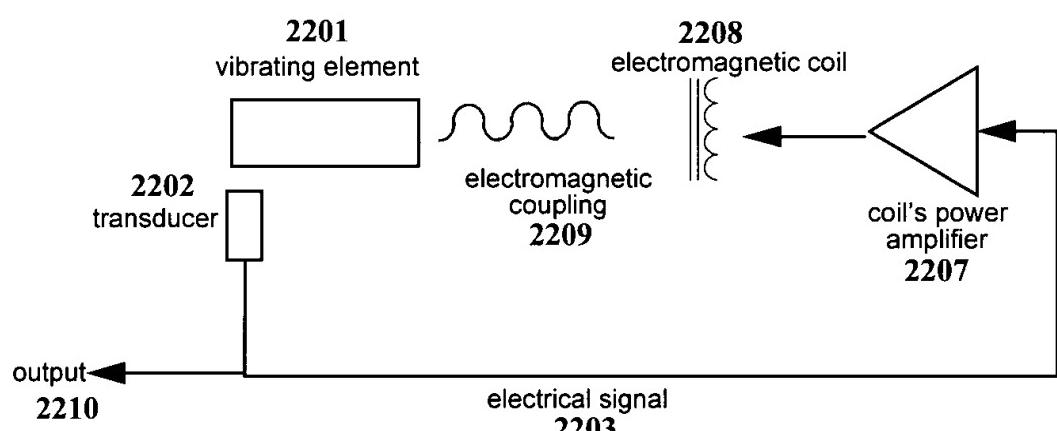


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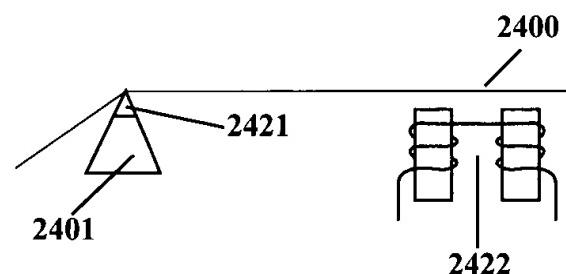
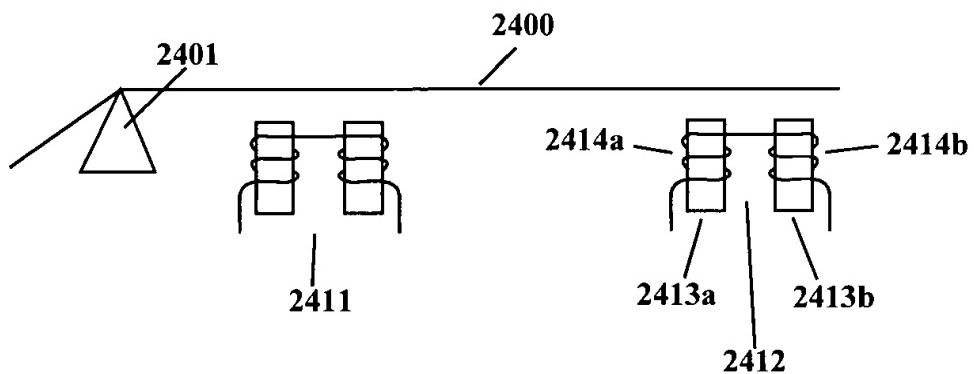


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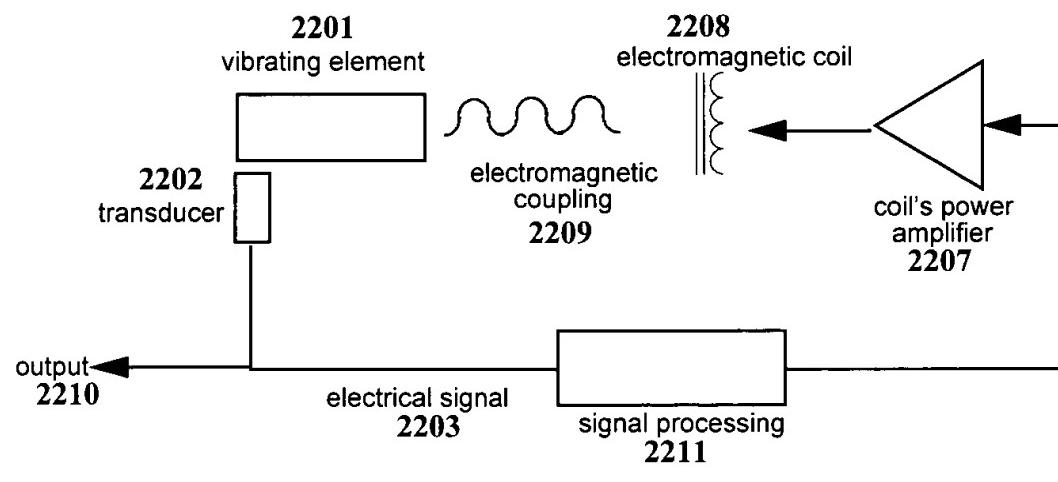


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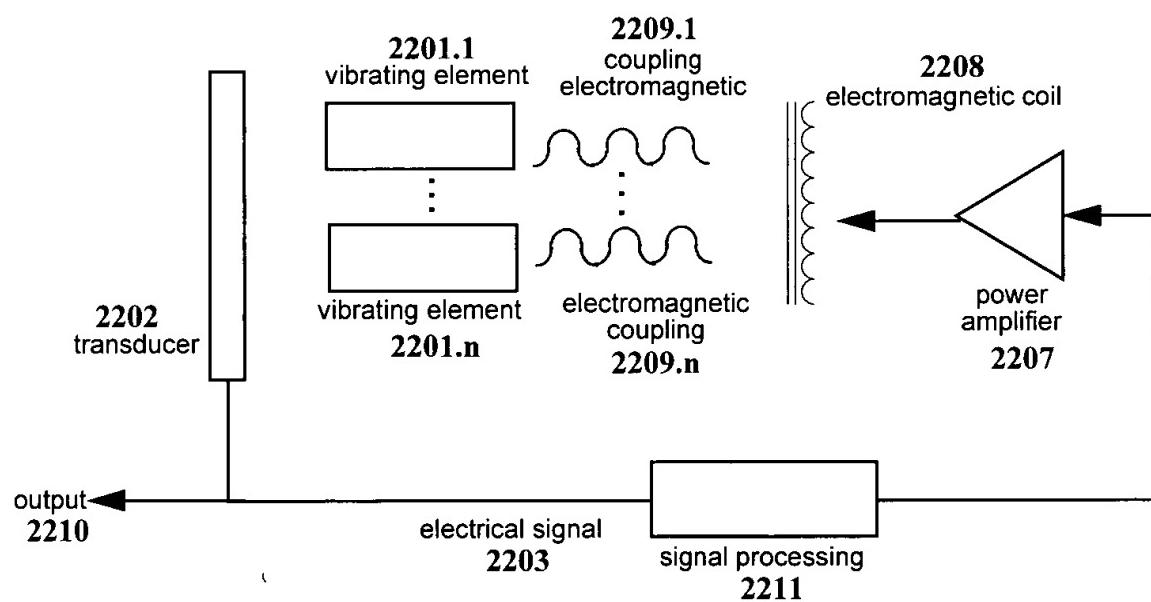


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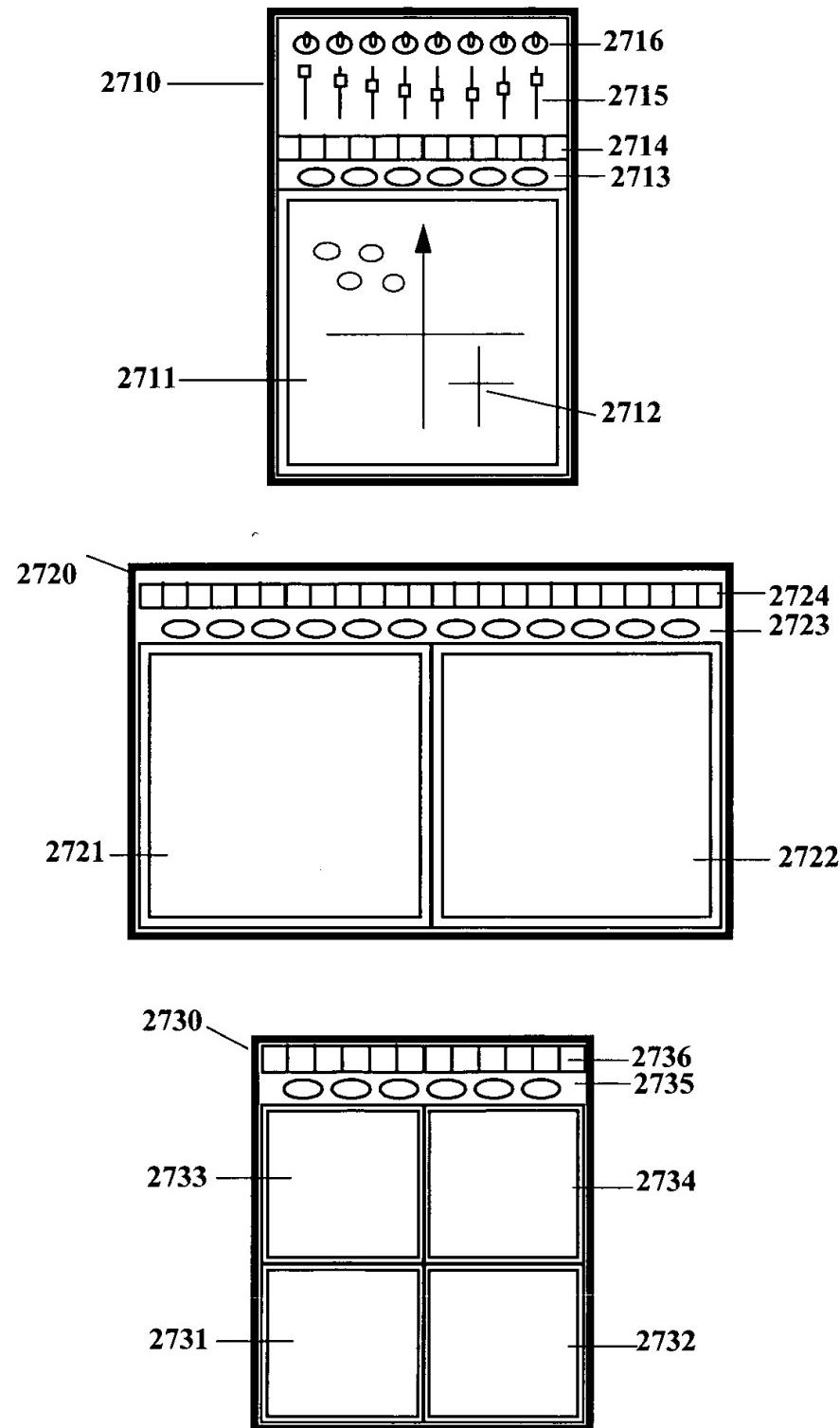


Figure 28

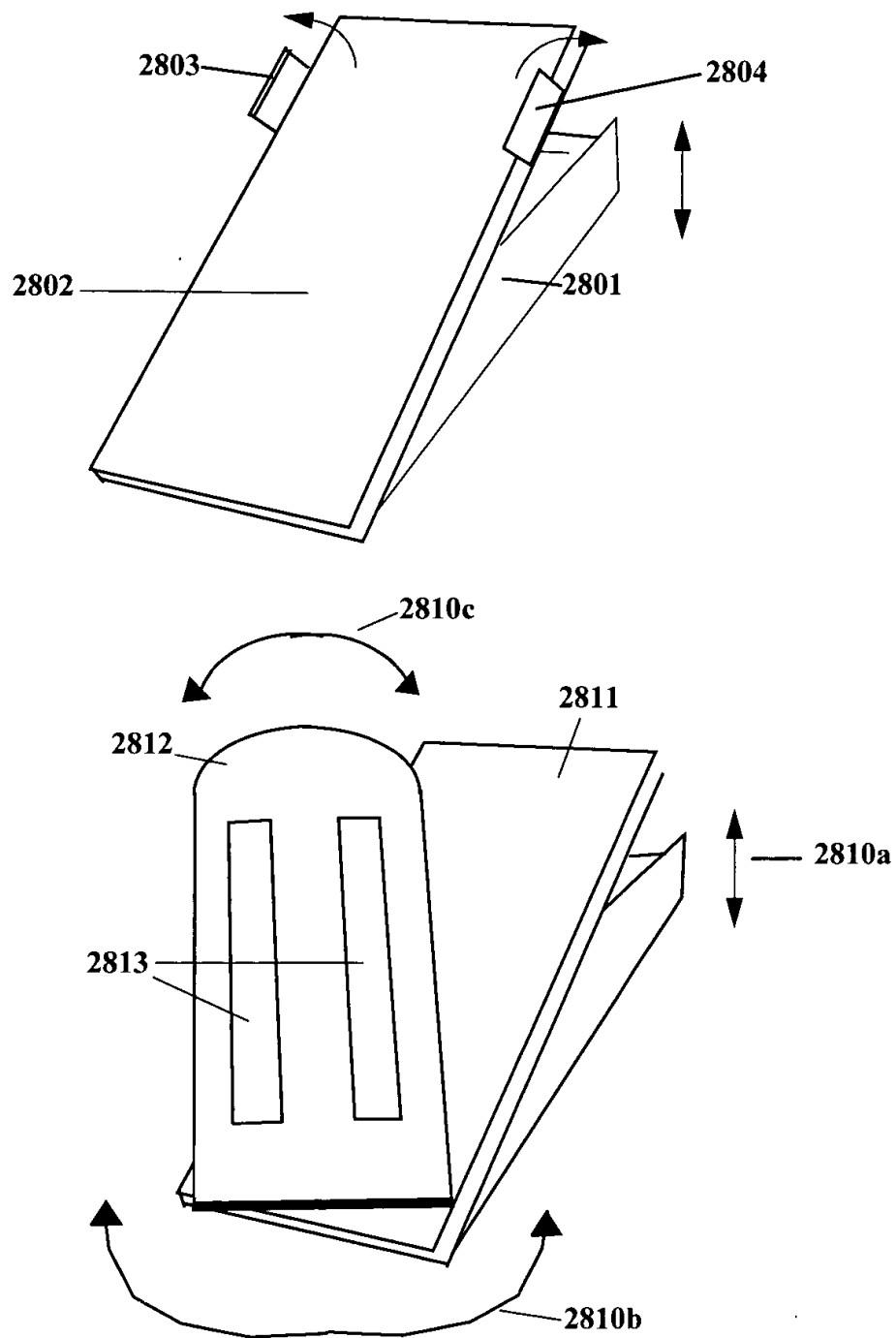


Figure 29

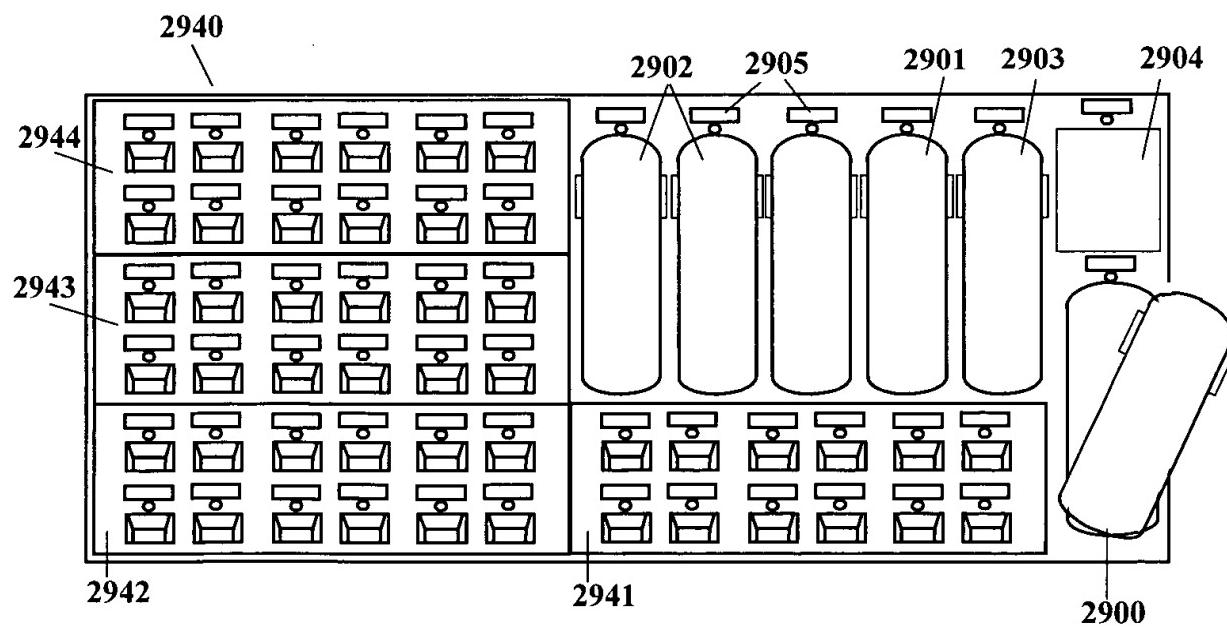
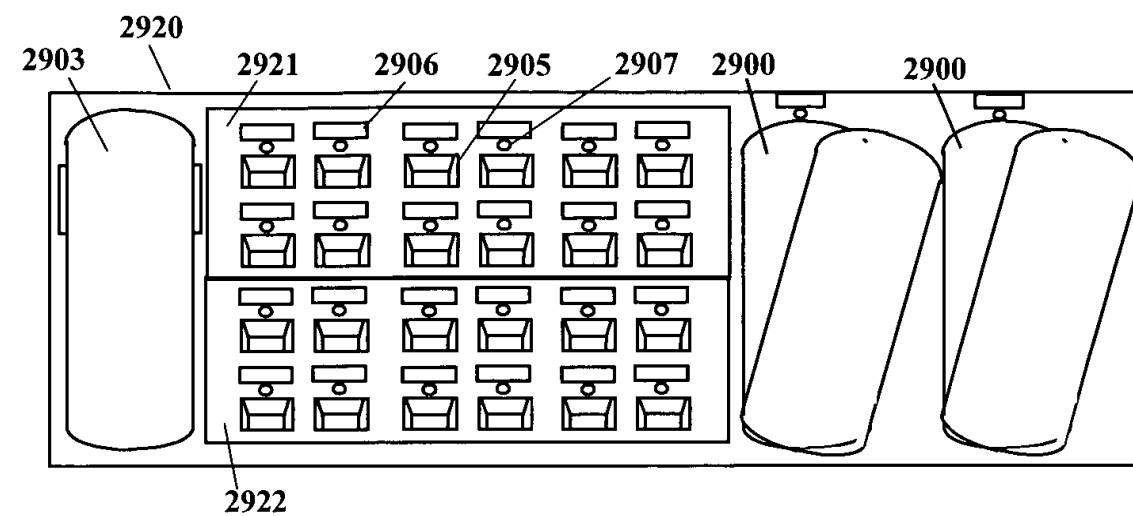


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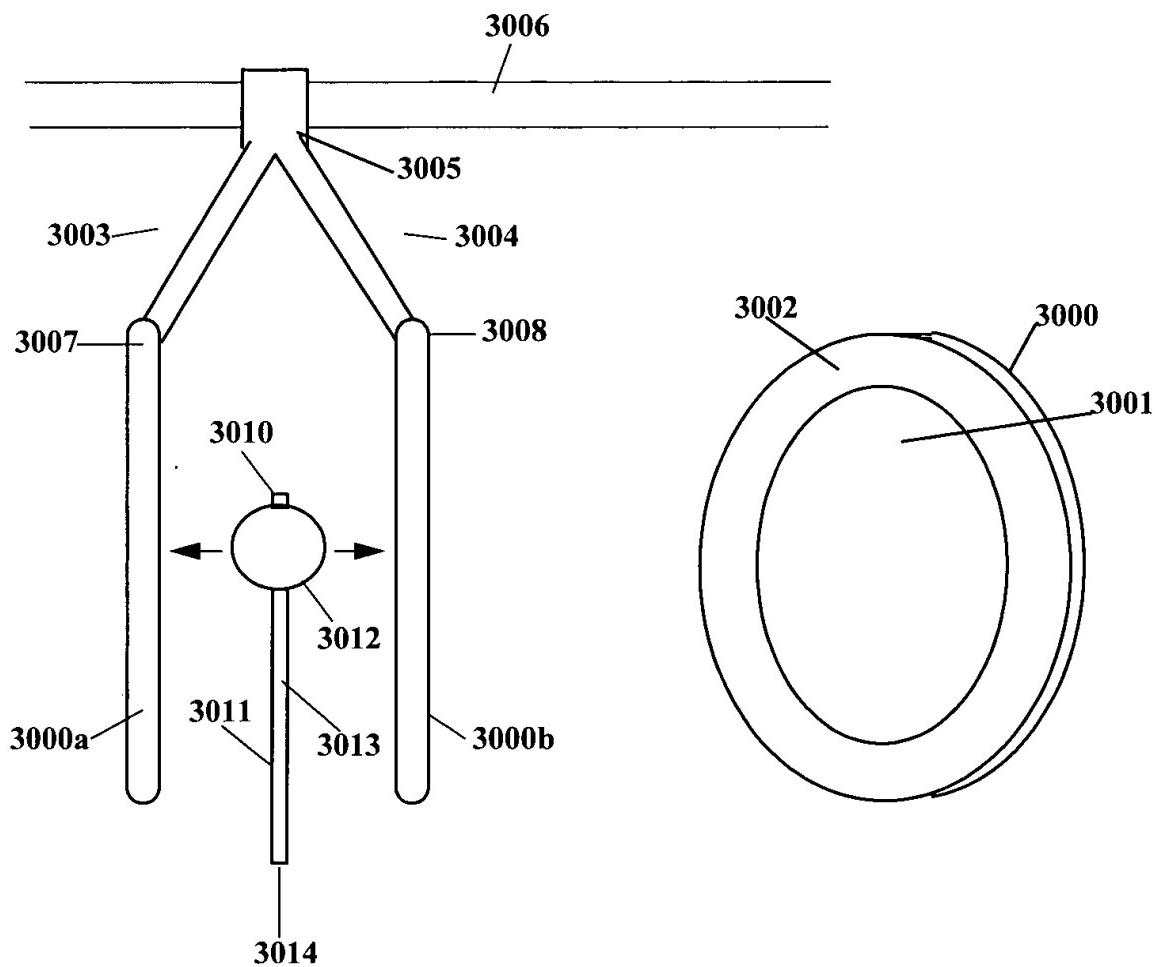


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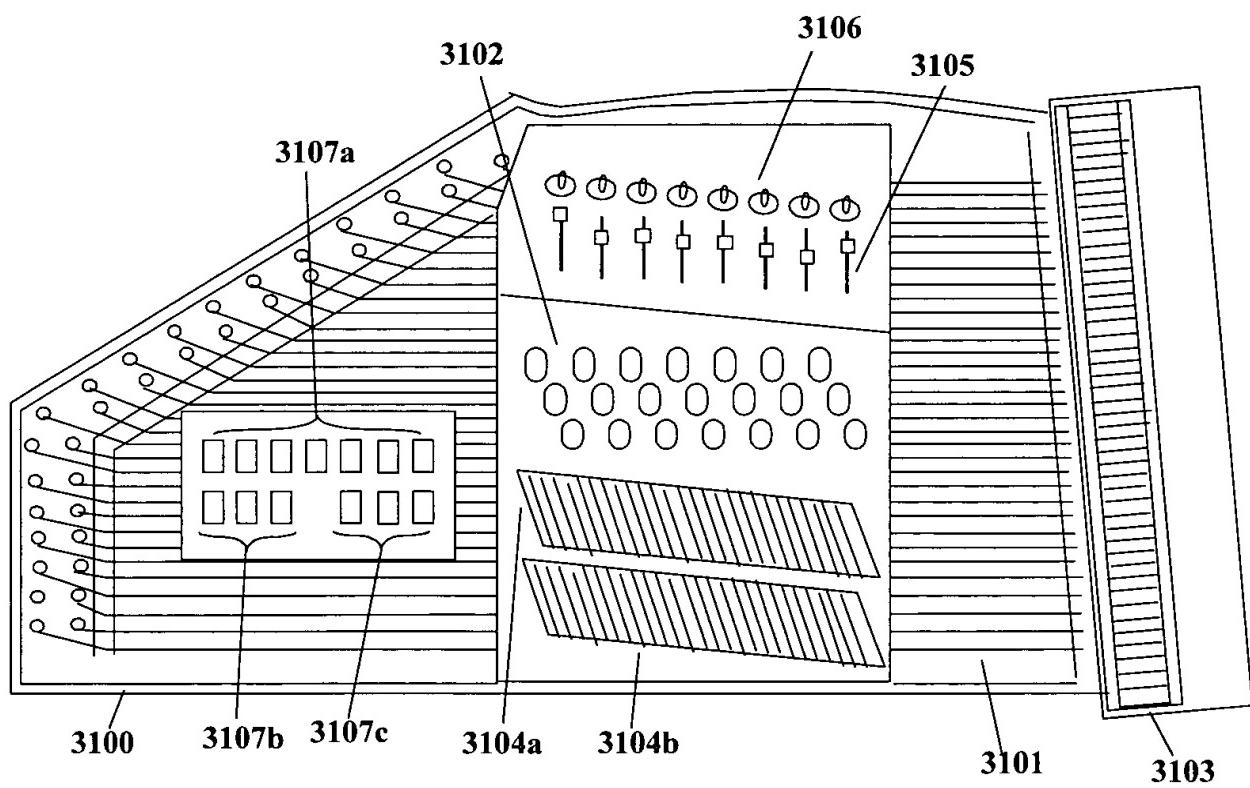


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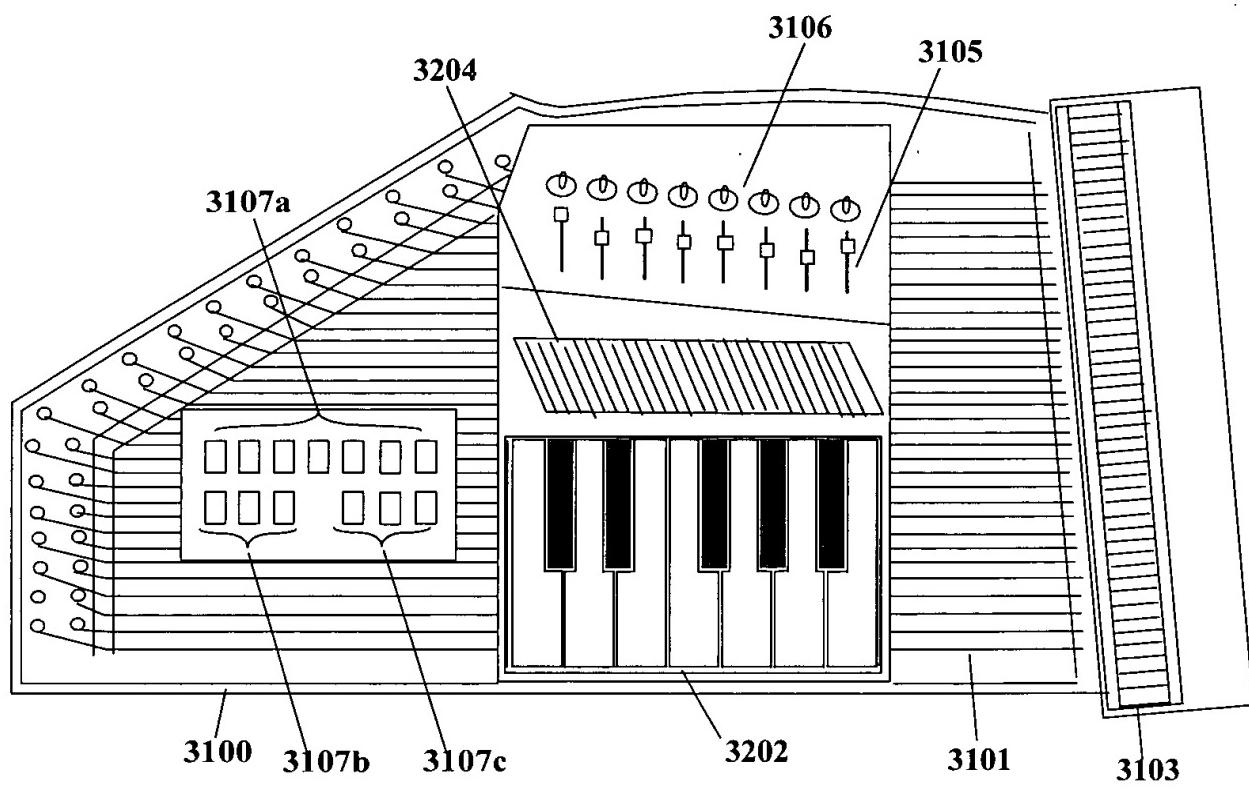


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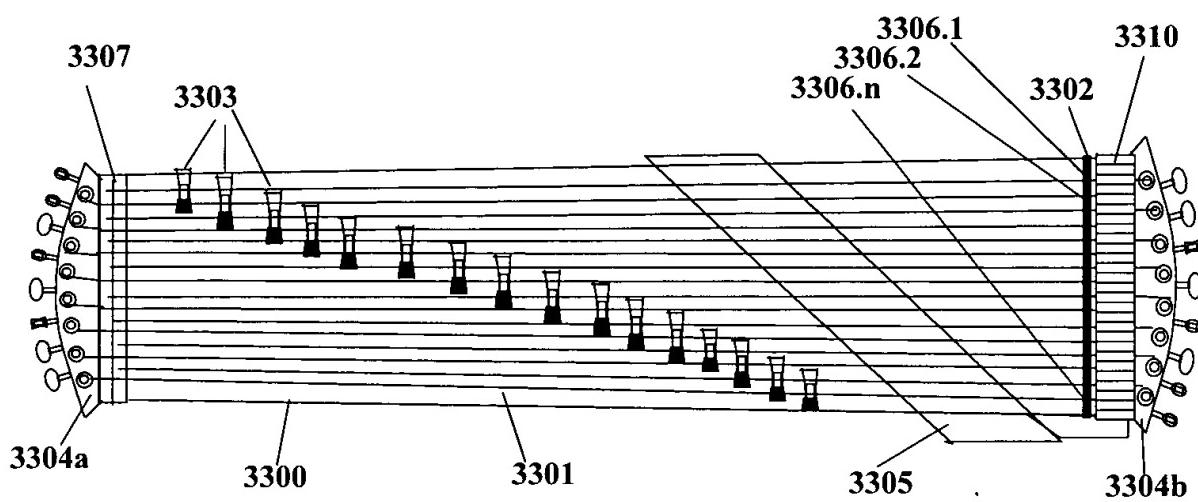


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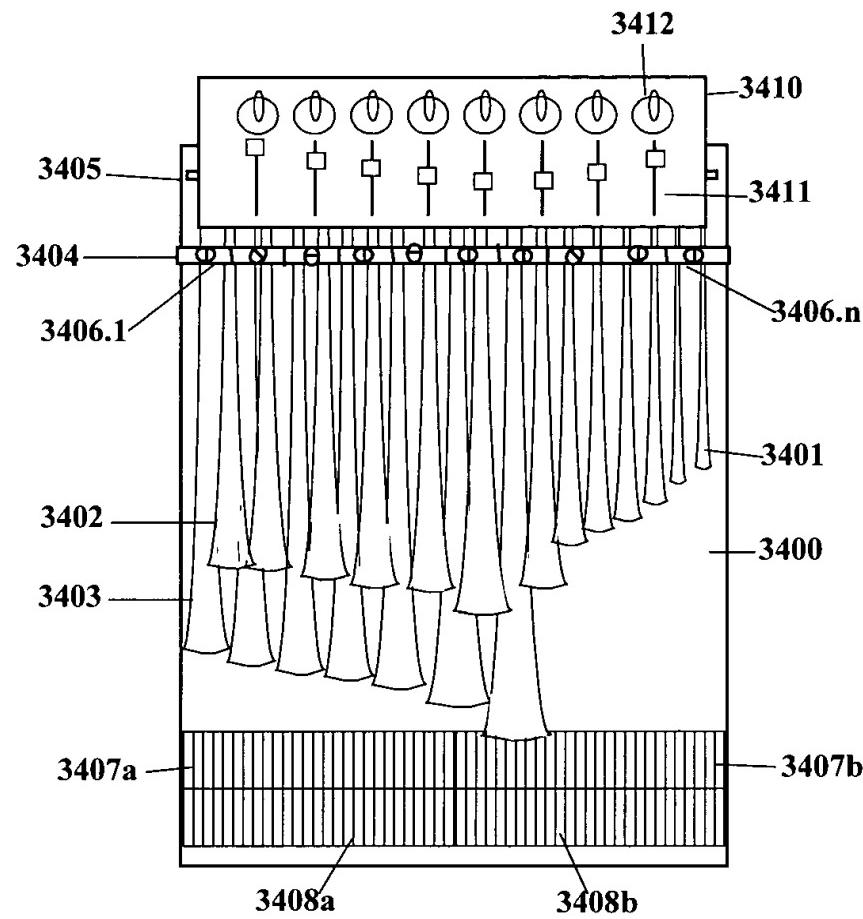


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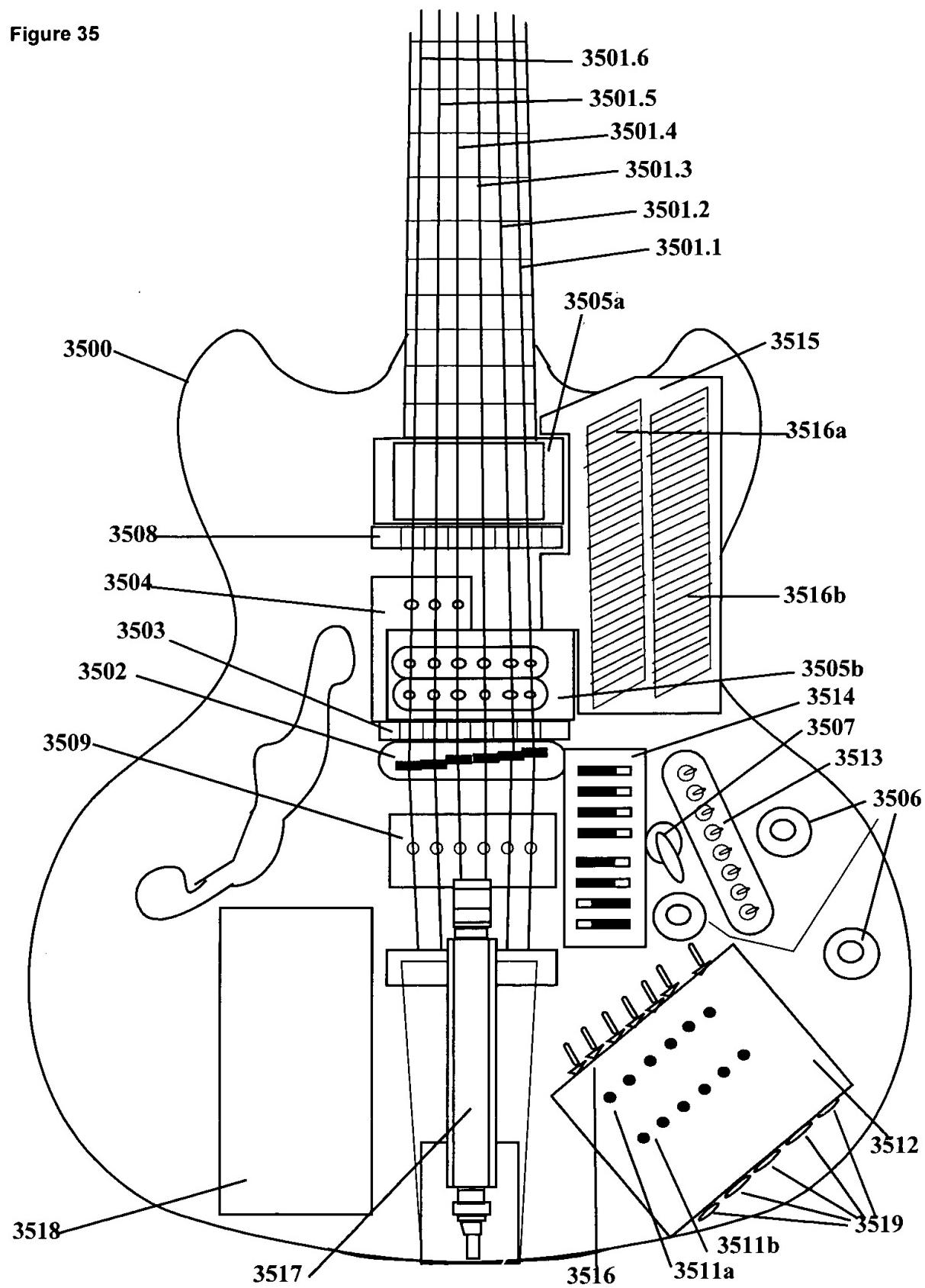


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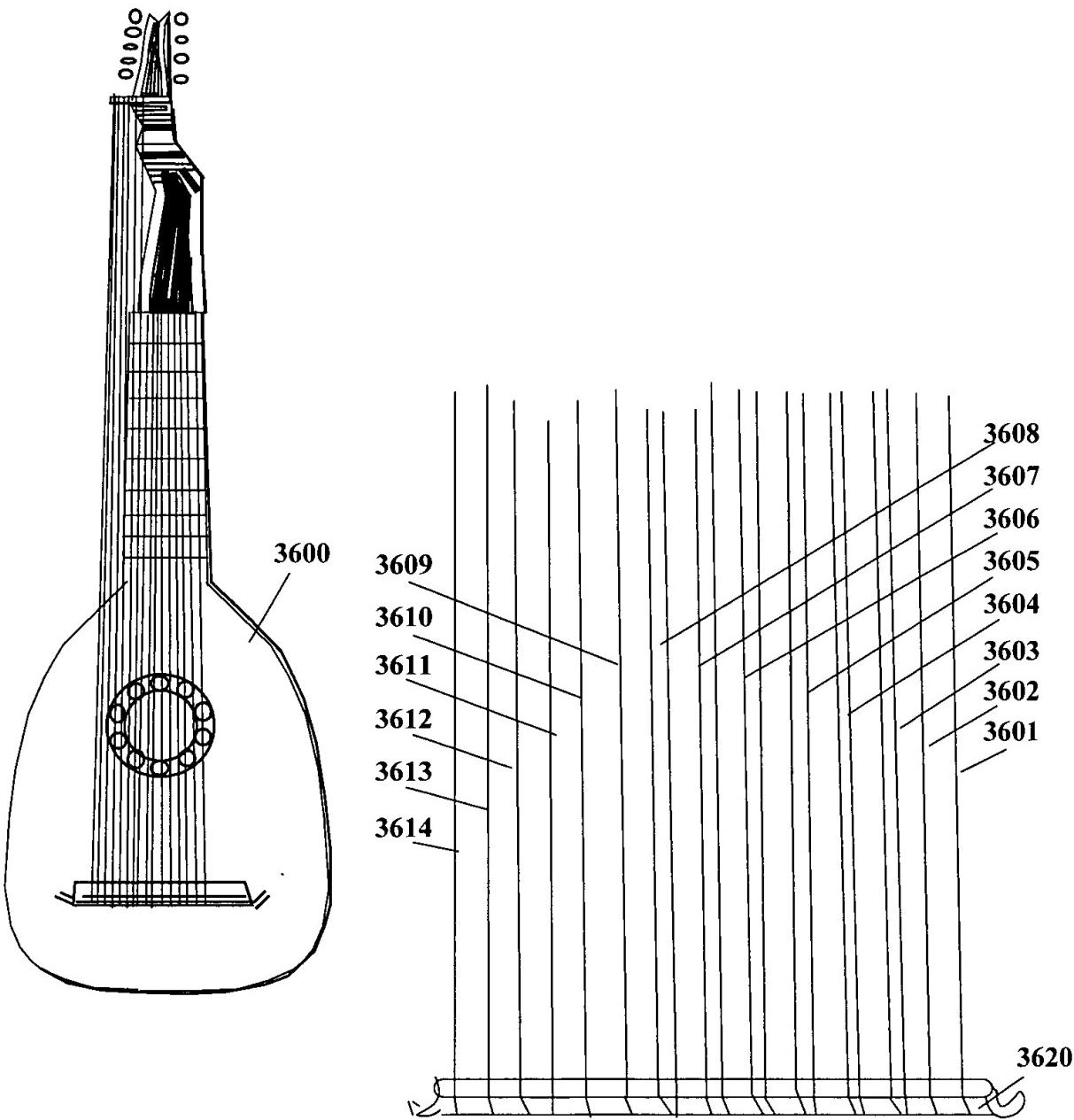


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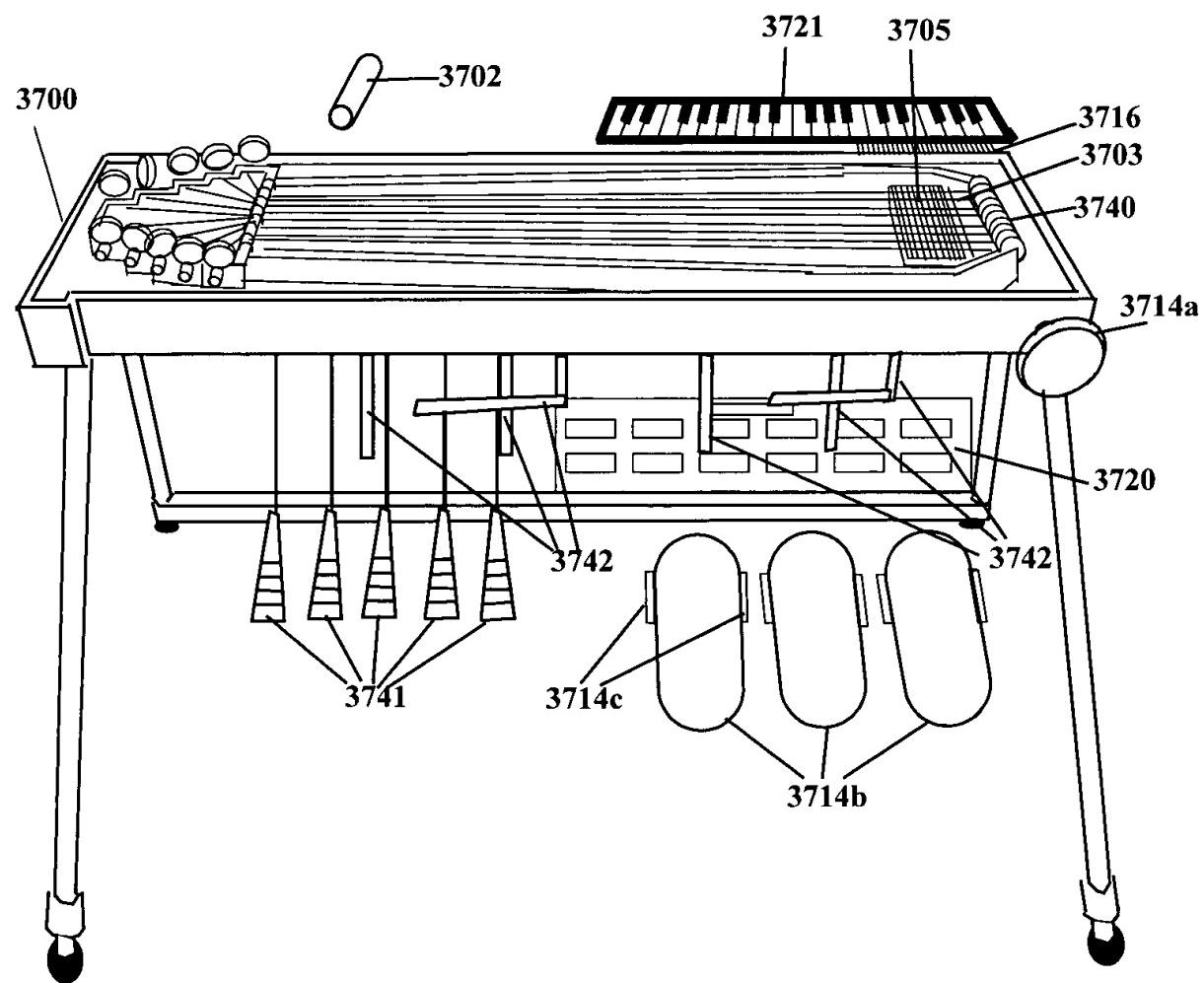


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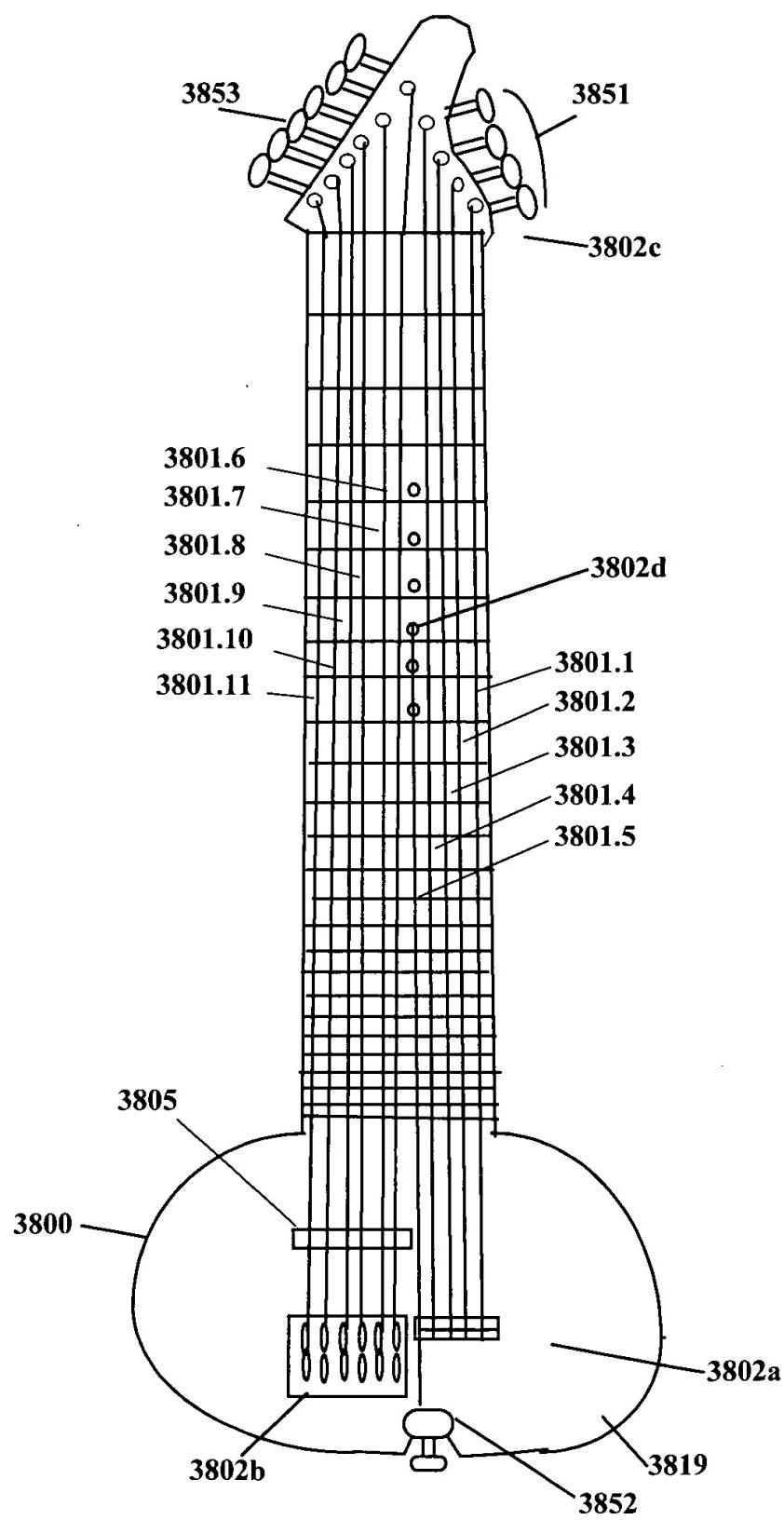


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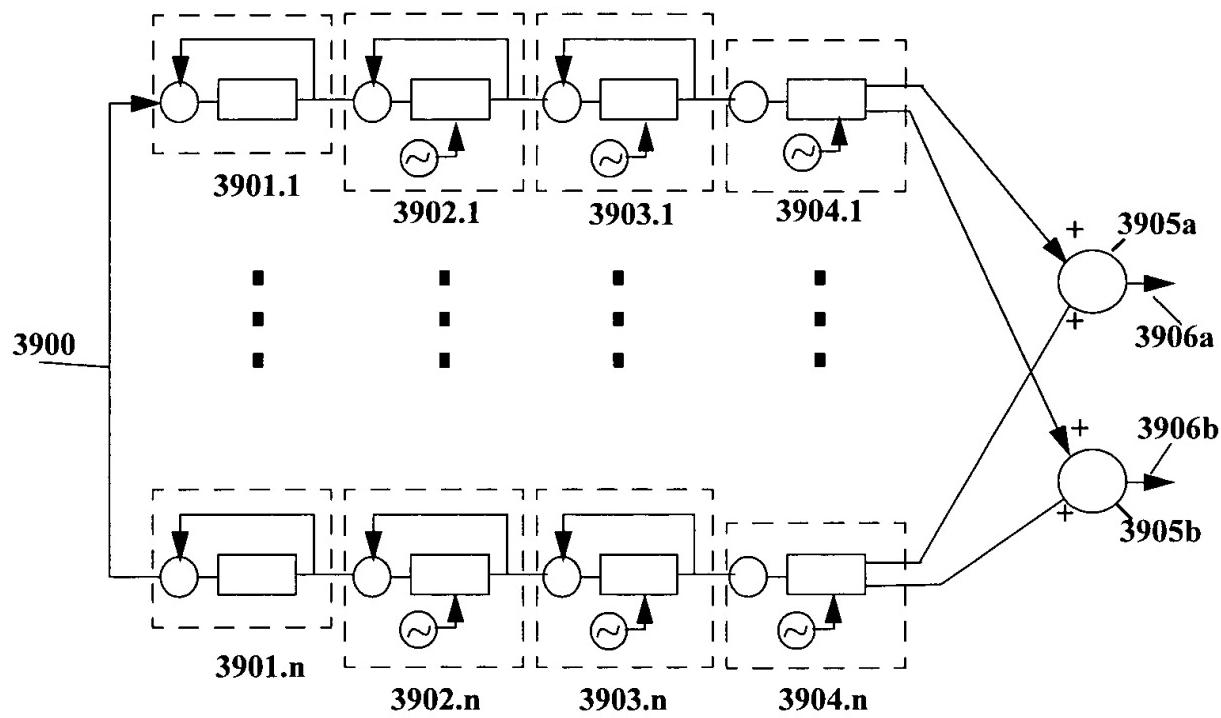


Figure 40

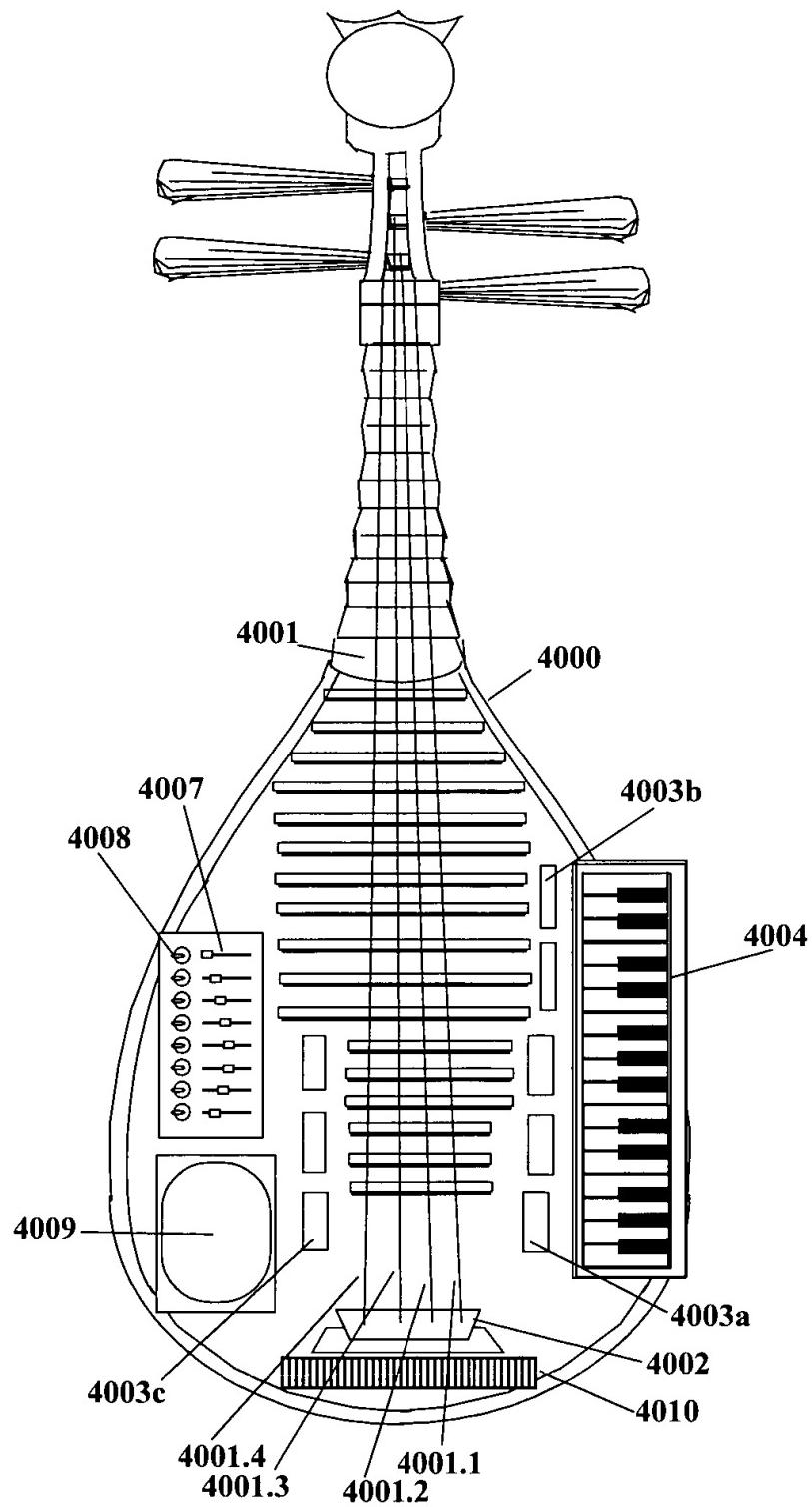


Figure 41

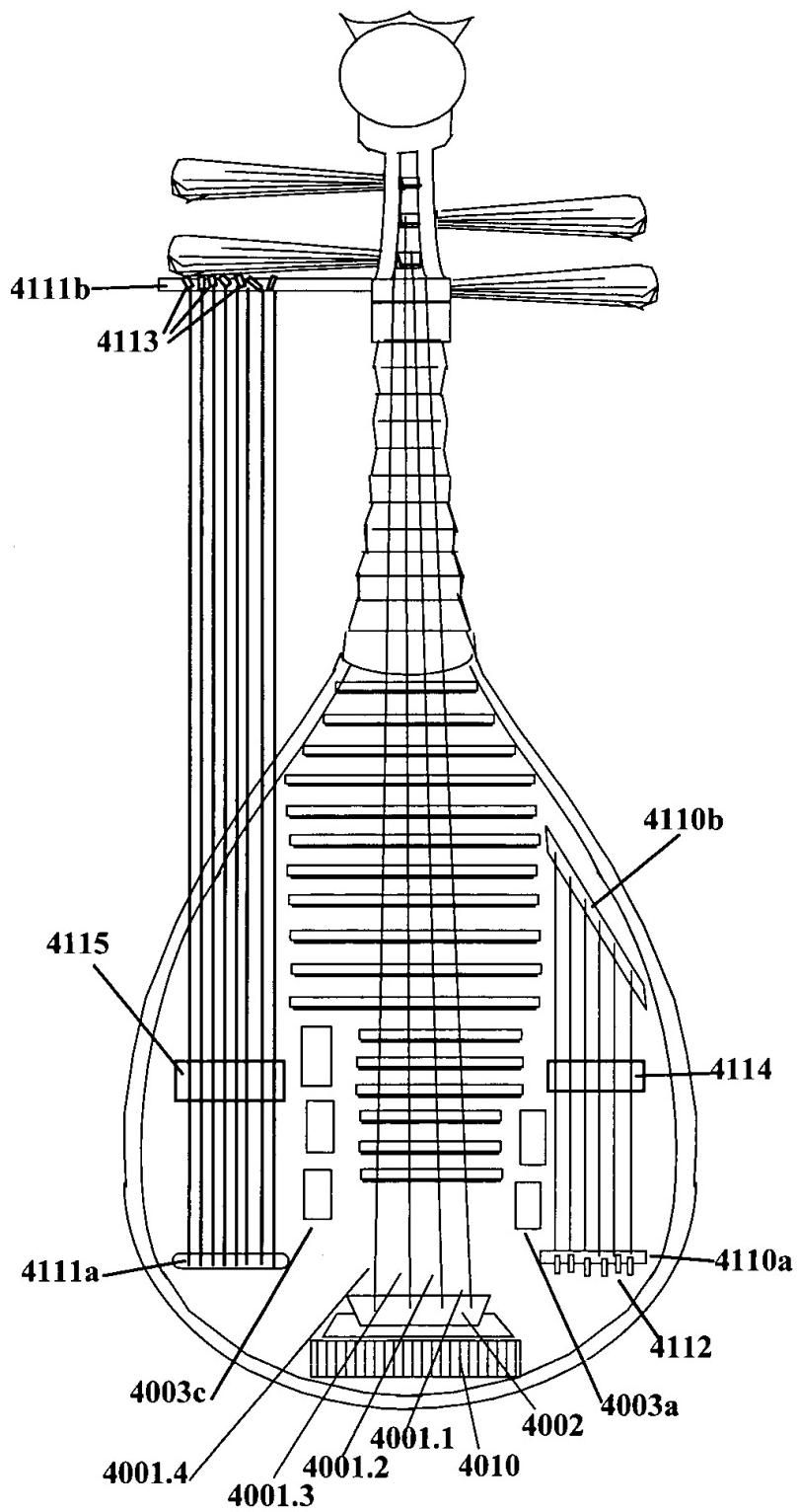


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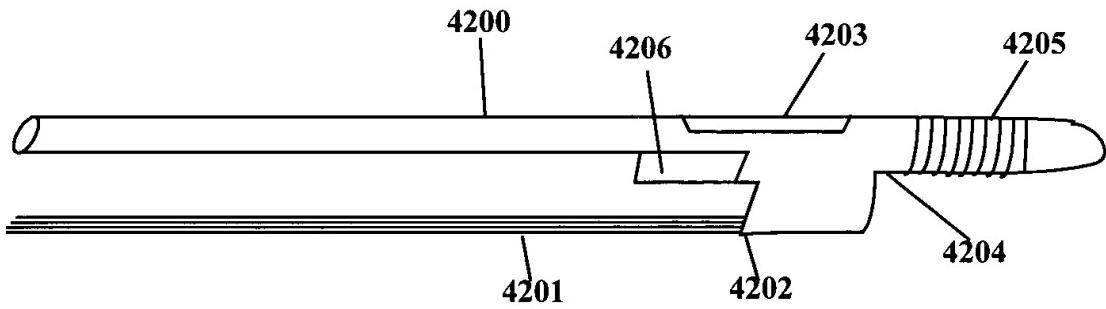


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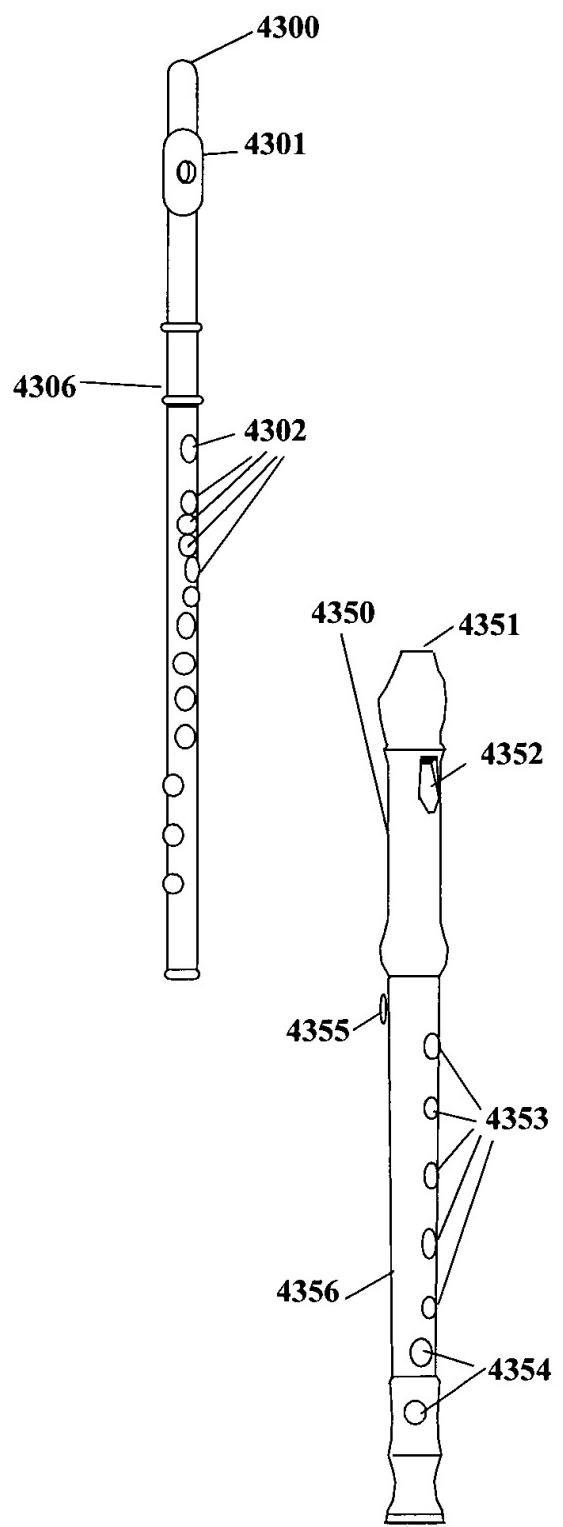


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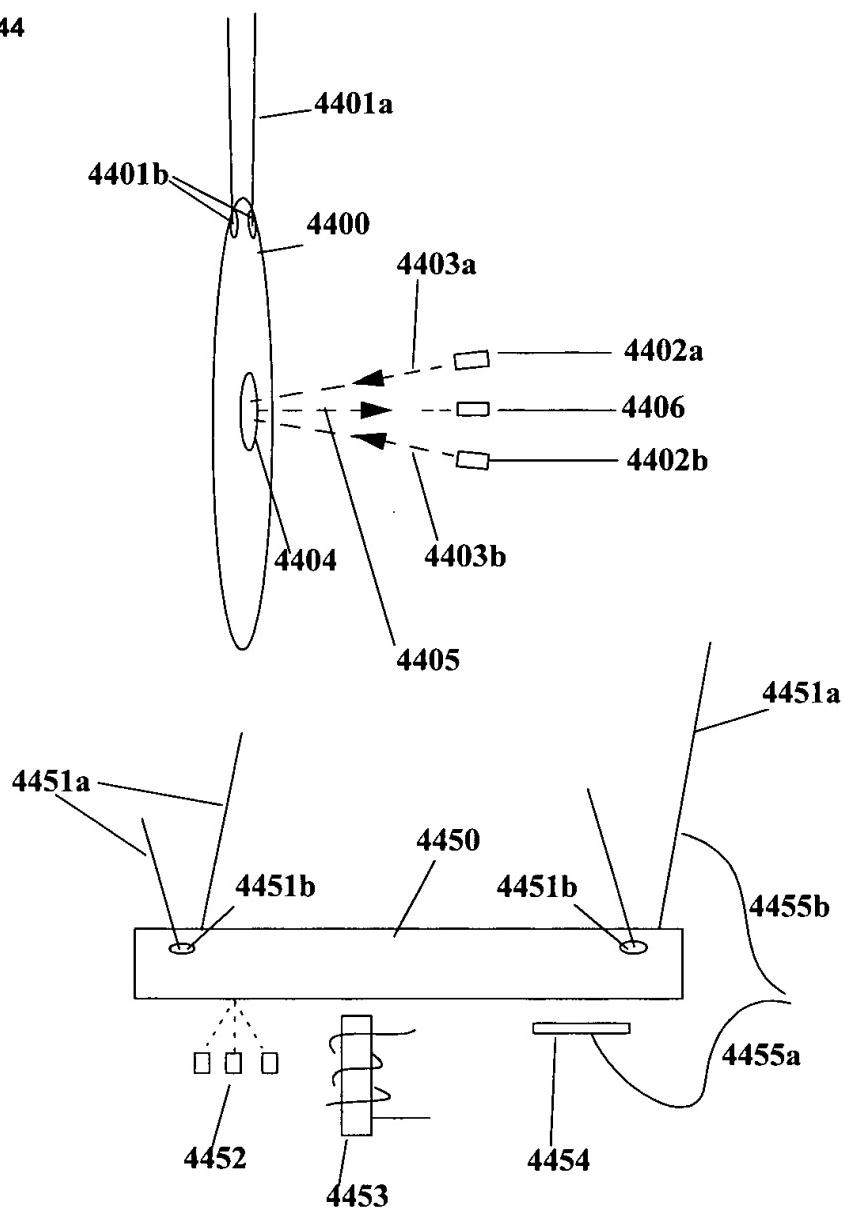


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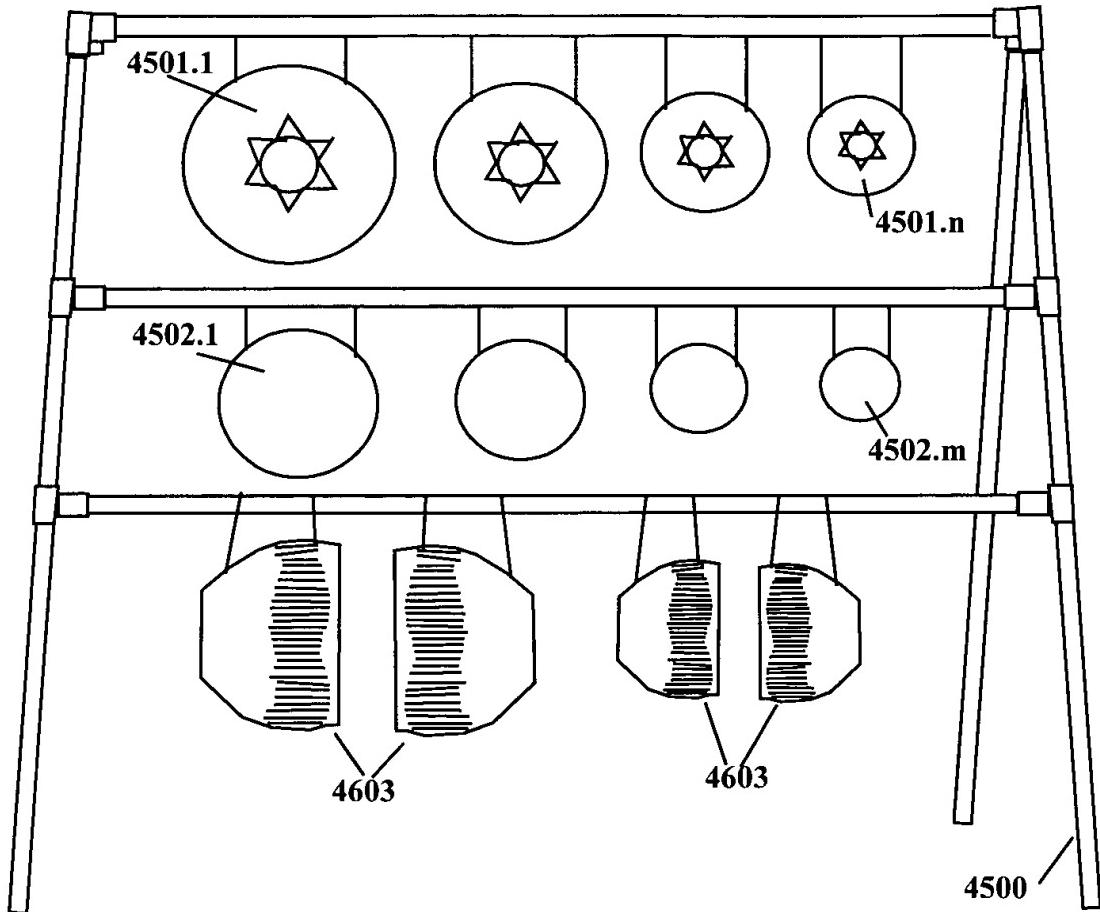


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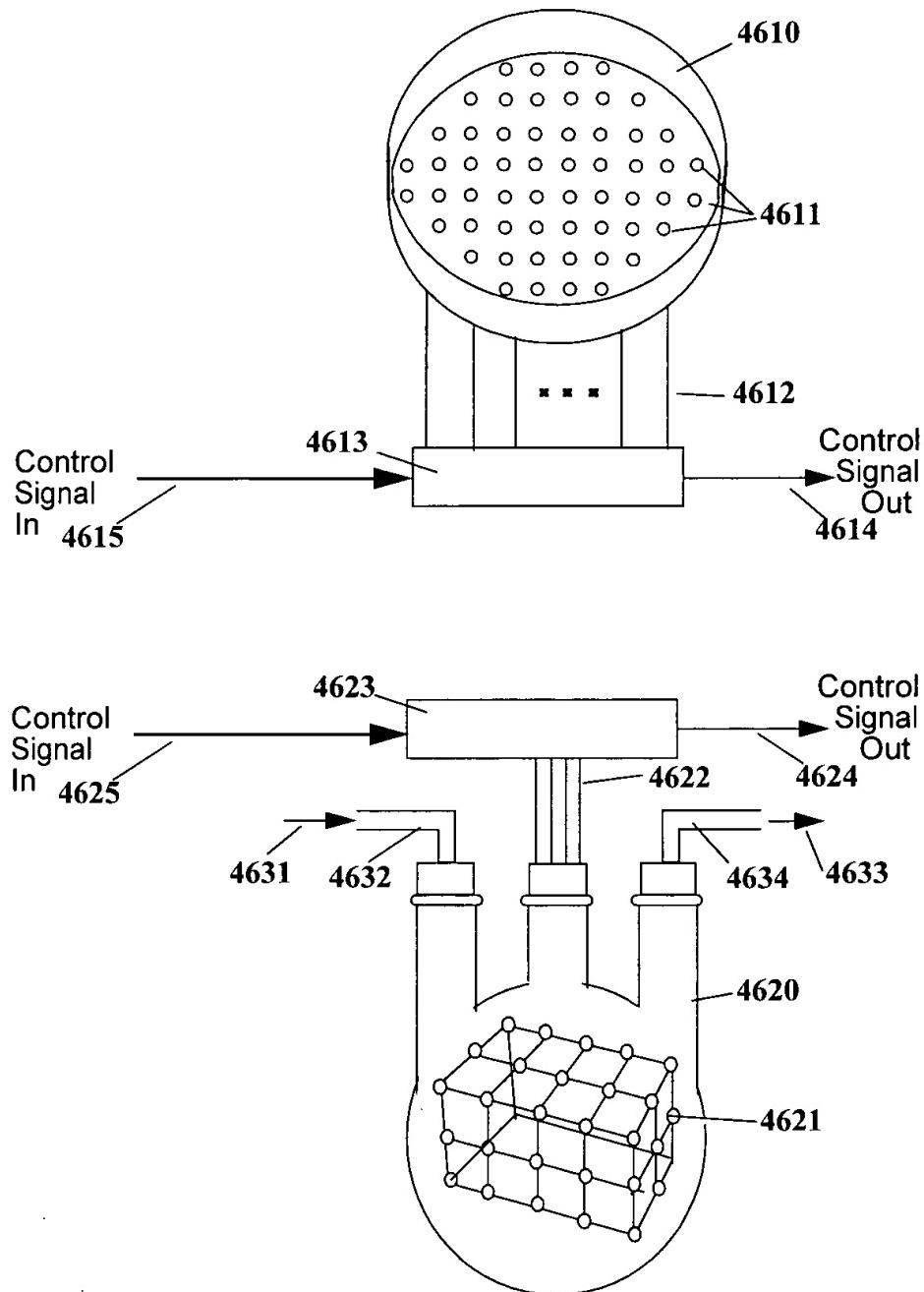


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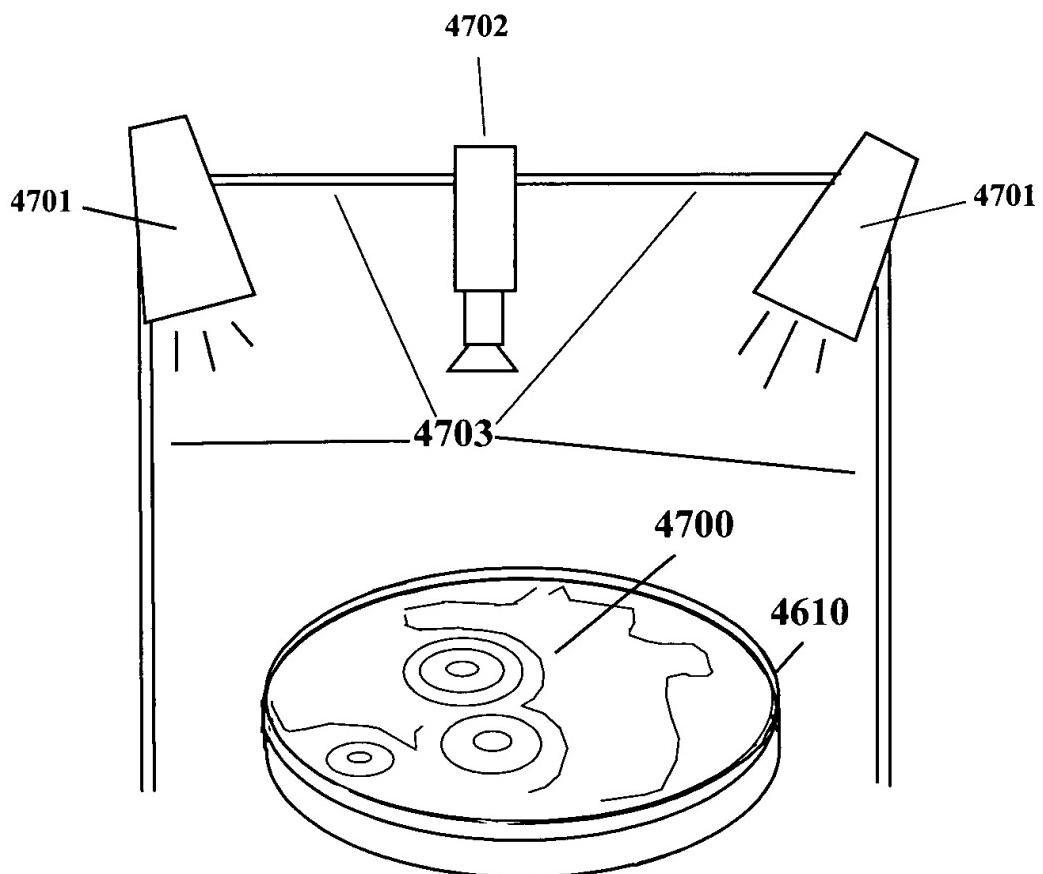


Figure 48

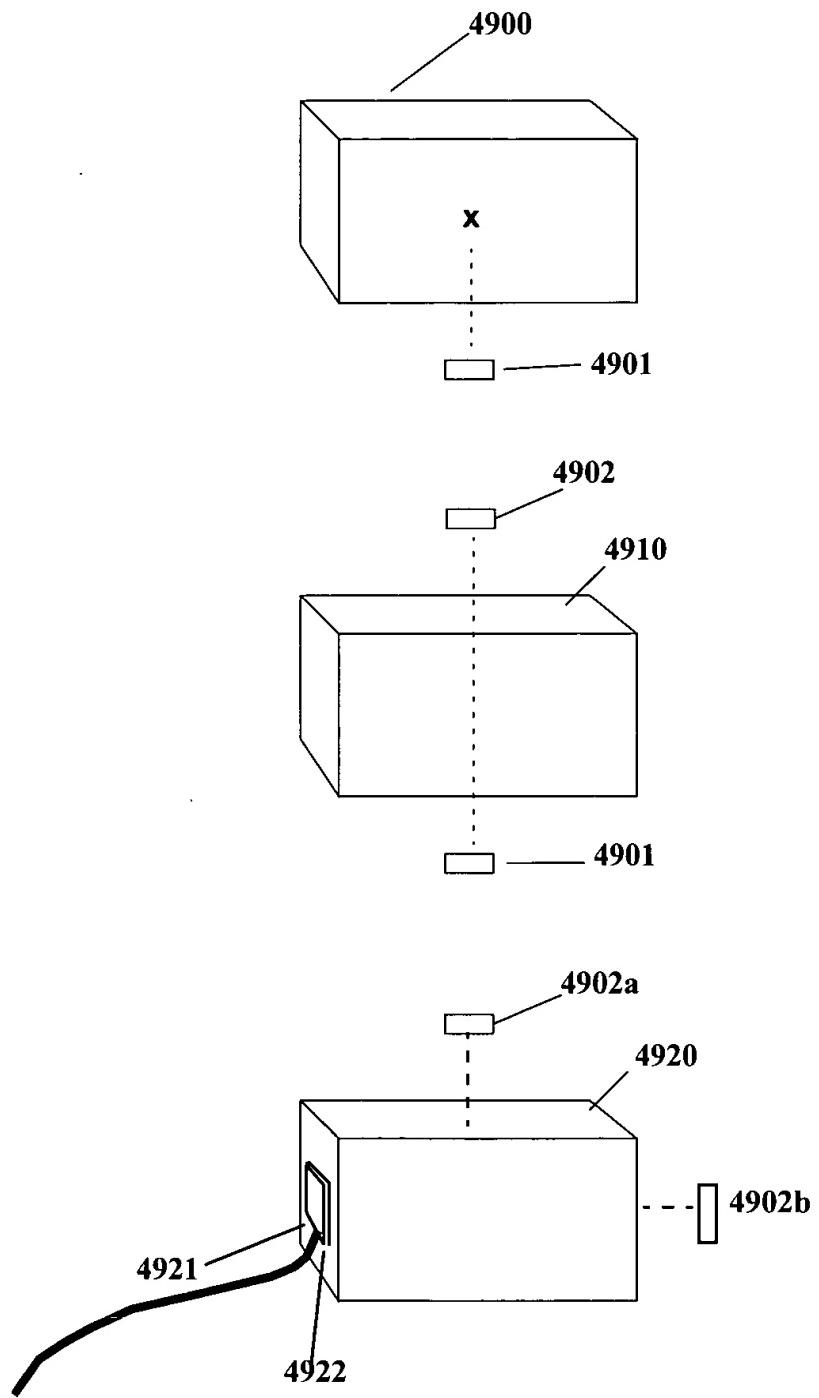


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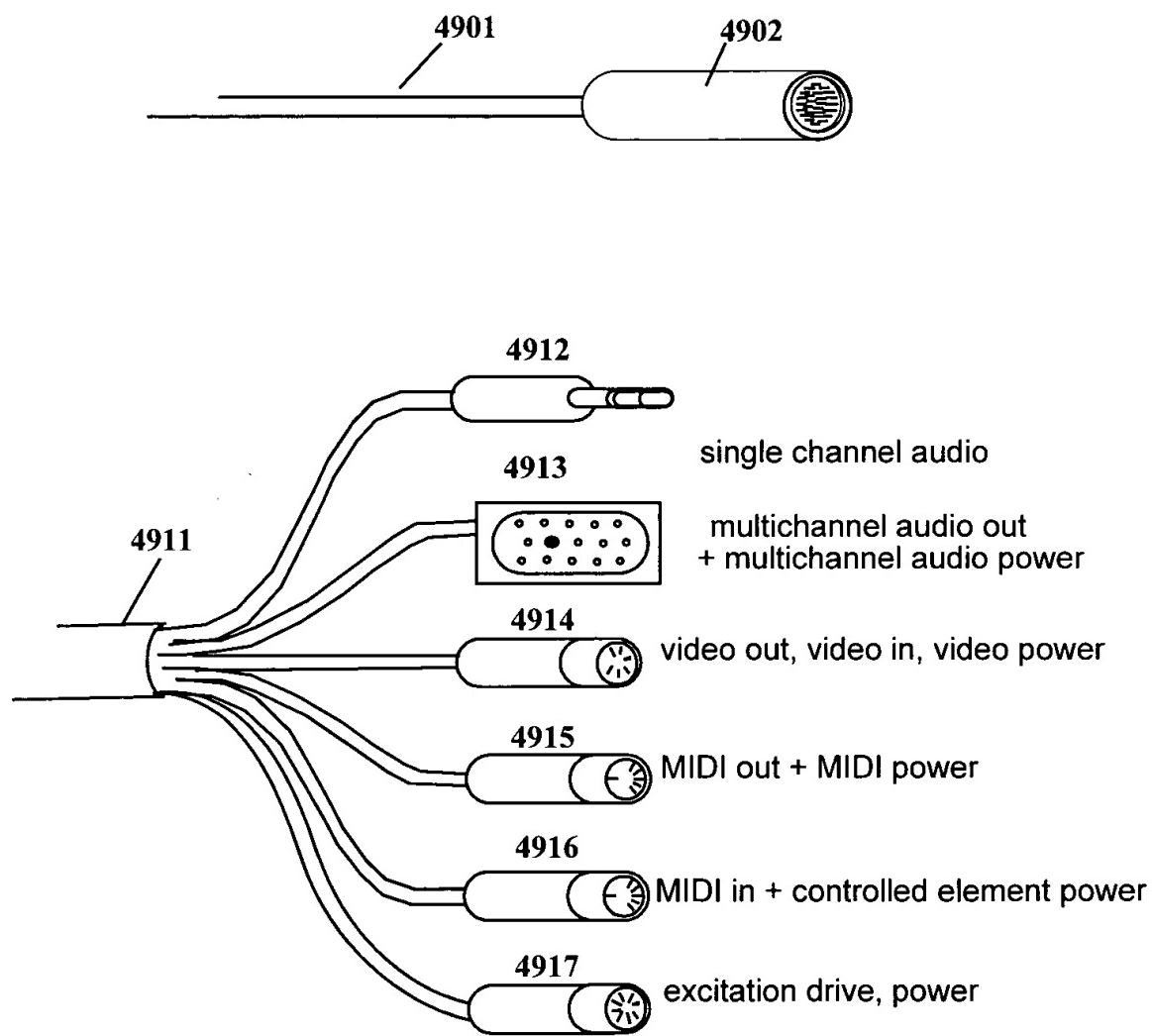


Figure 50

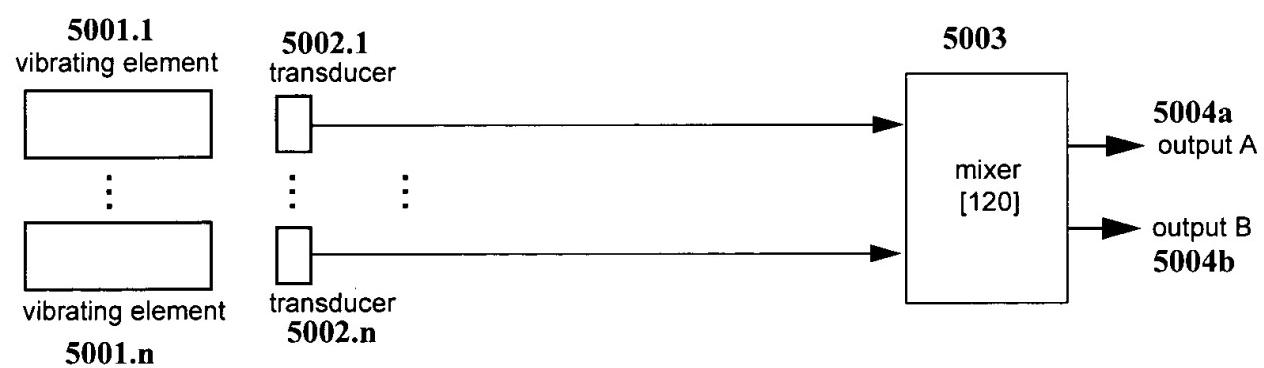


Figure 51

5001.1
vibrating element
⋮
5001.n
vibrating element

5002.1
transducer
⋮
5002.n
transducer

5005.1
signal processing
⋮
5005.n
signal processing

5003

mixer

5004a
output A
5004b
output B

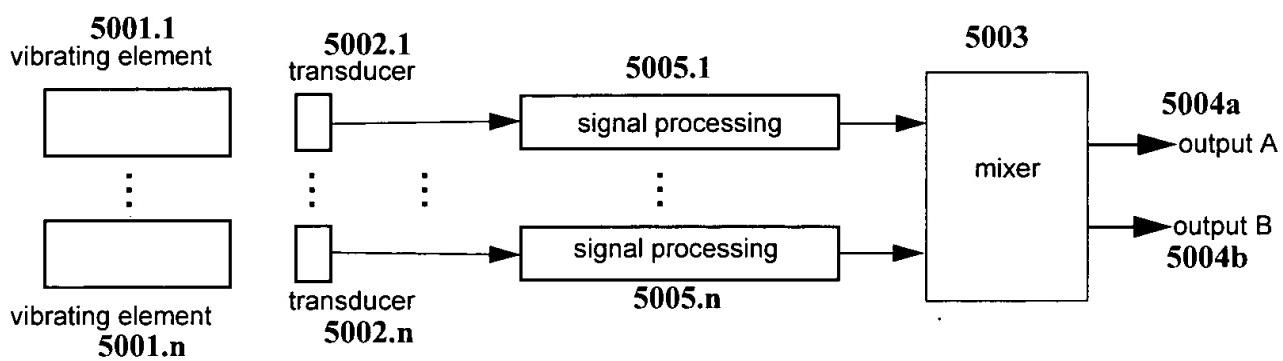


Figure 52

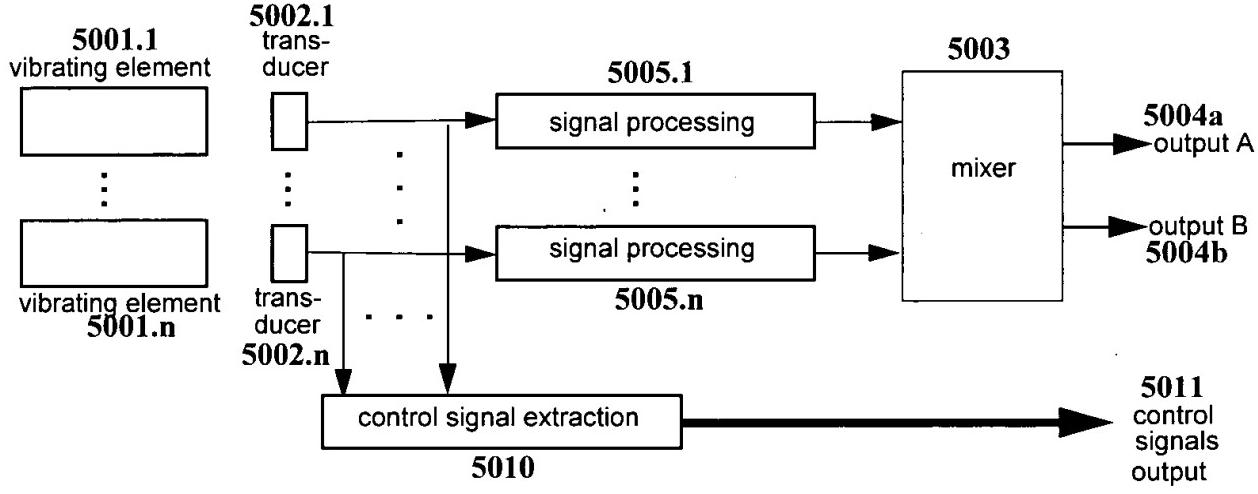


Figure 53

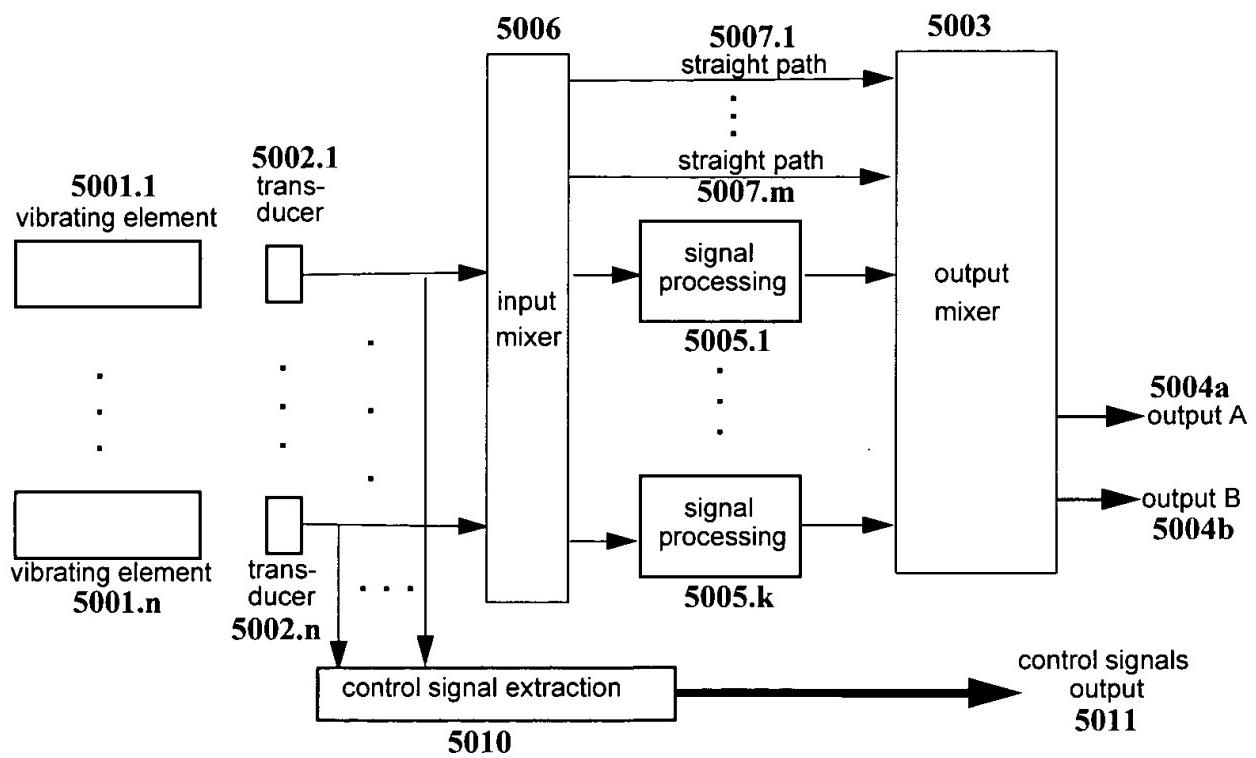


Figure 54

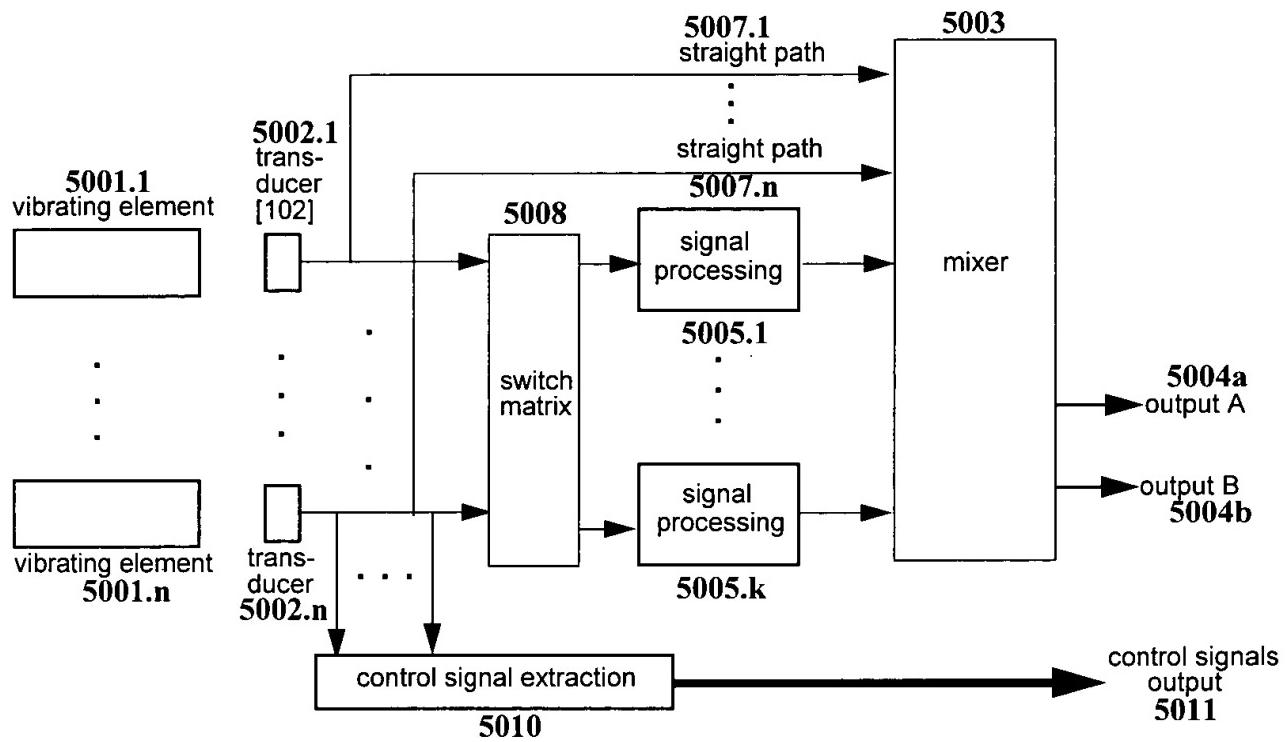


Figure 55

100 200 300 400 500 600 700 800 900 1000

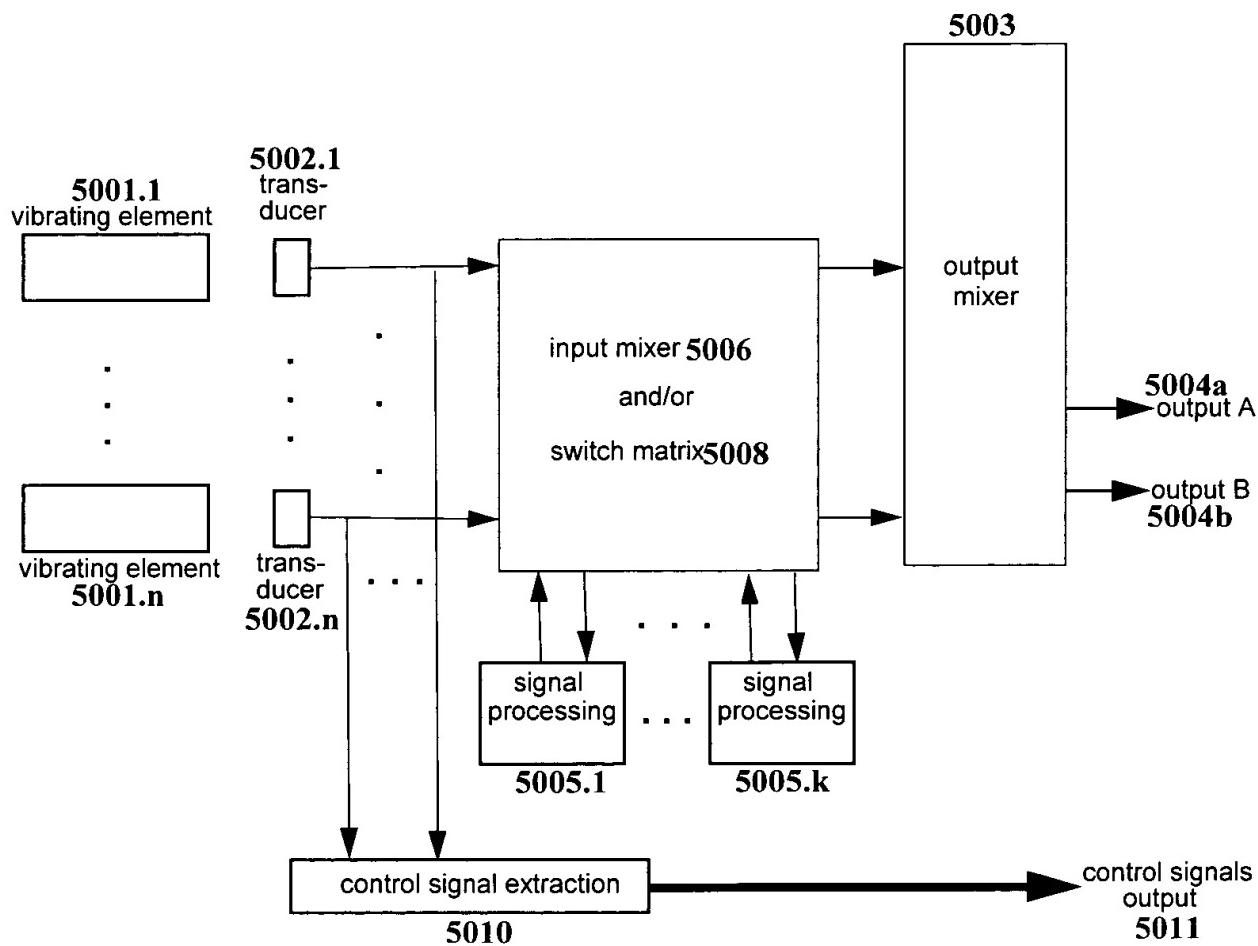


Figure 56

100 200 300 400 500 600 700 800 900 1000

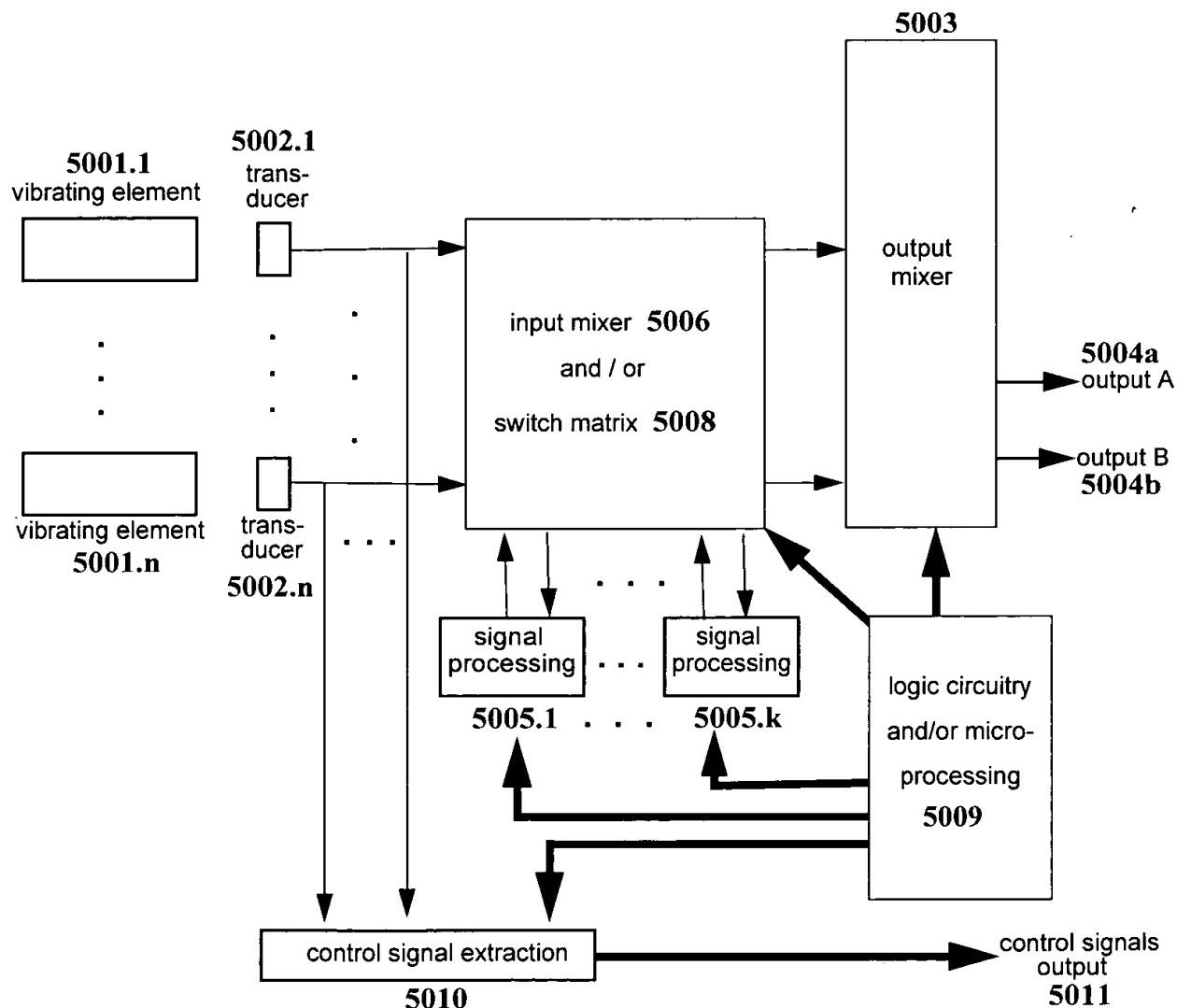


Figure 57

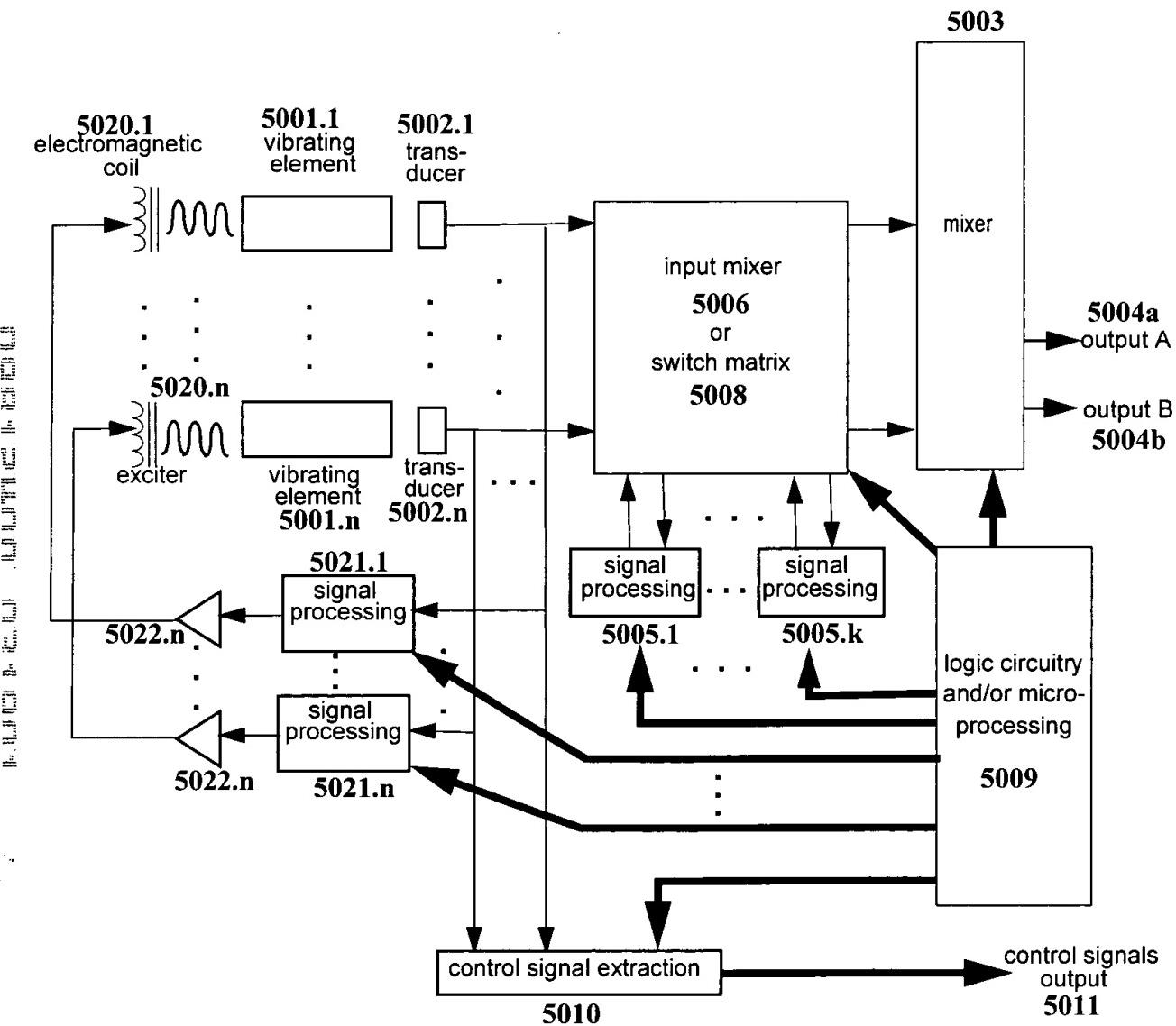


Figure 58

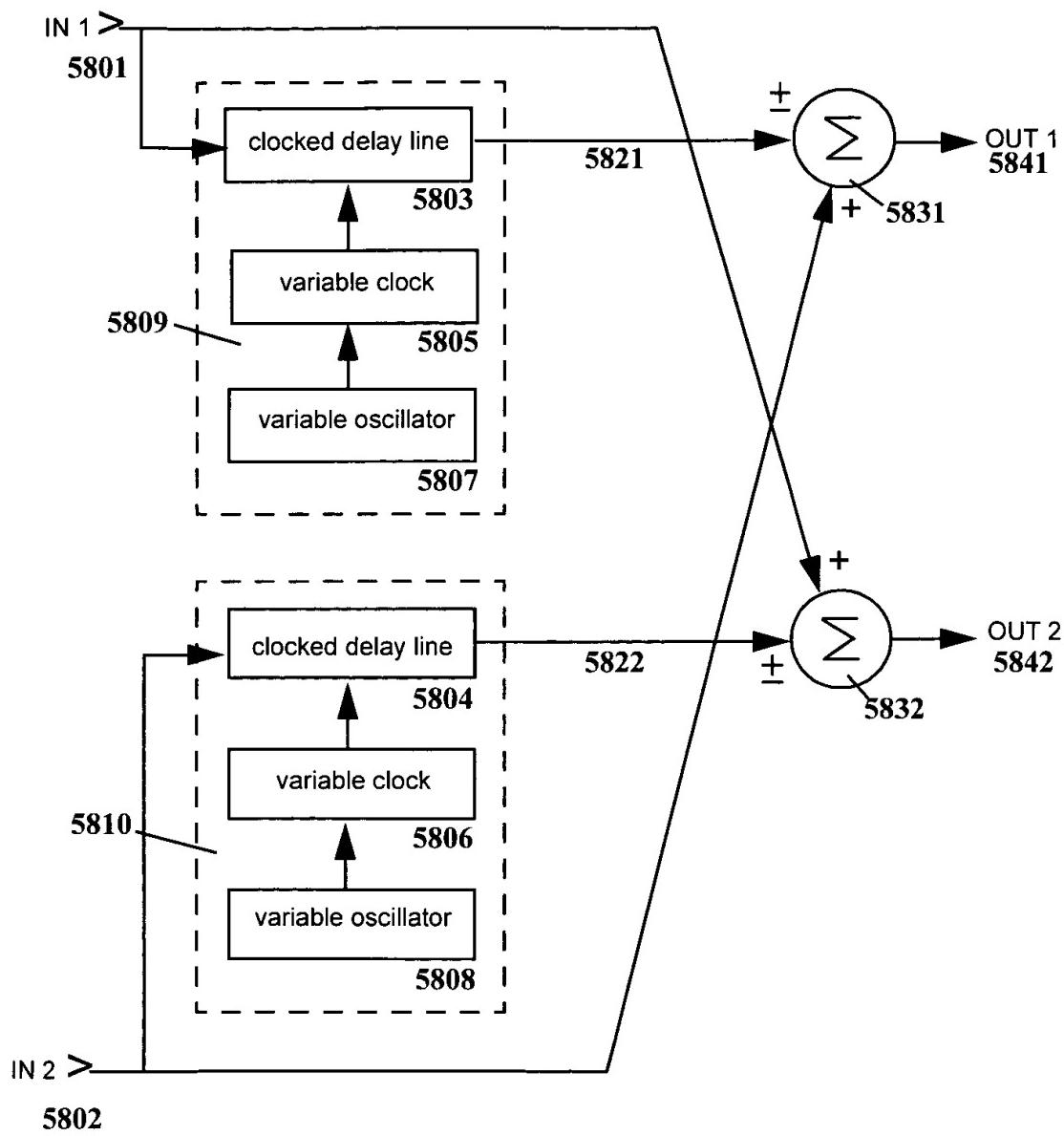


Figure 59

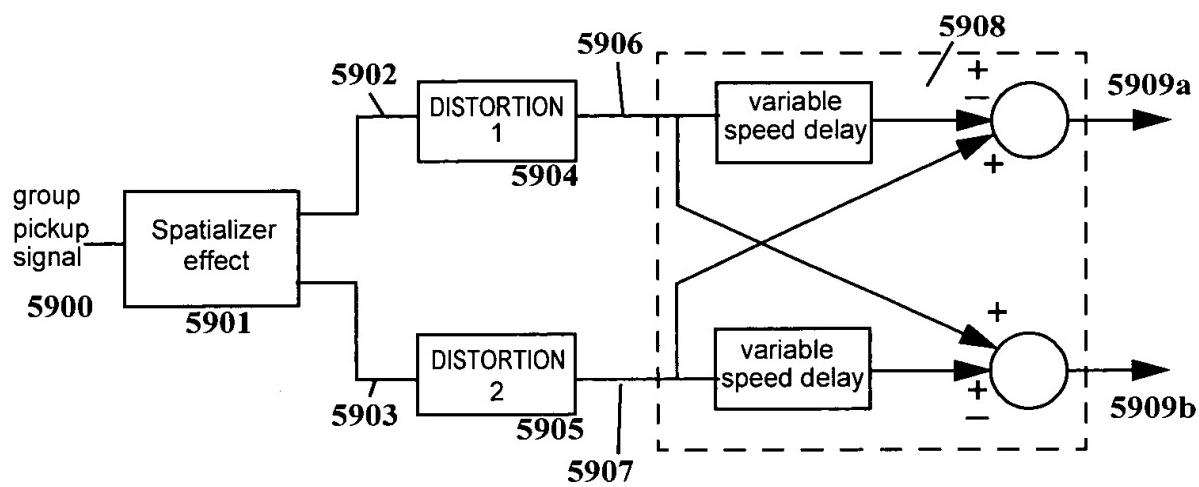


Figure 60

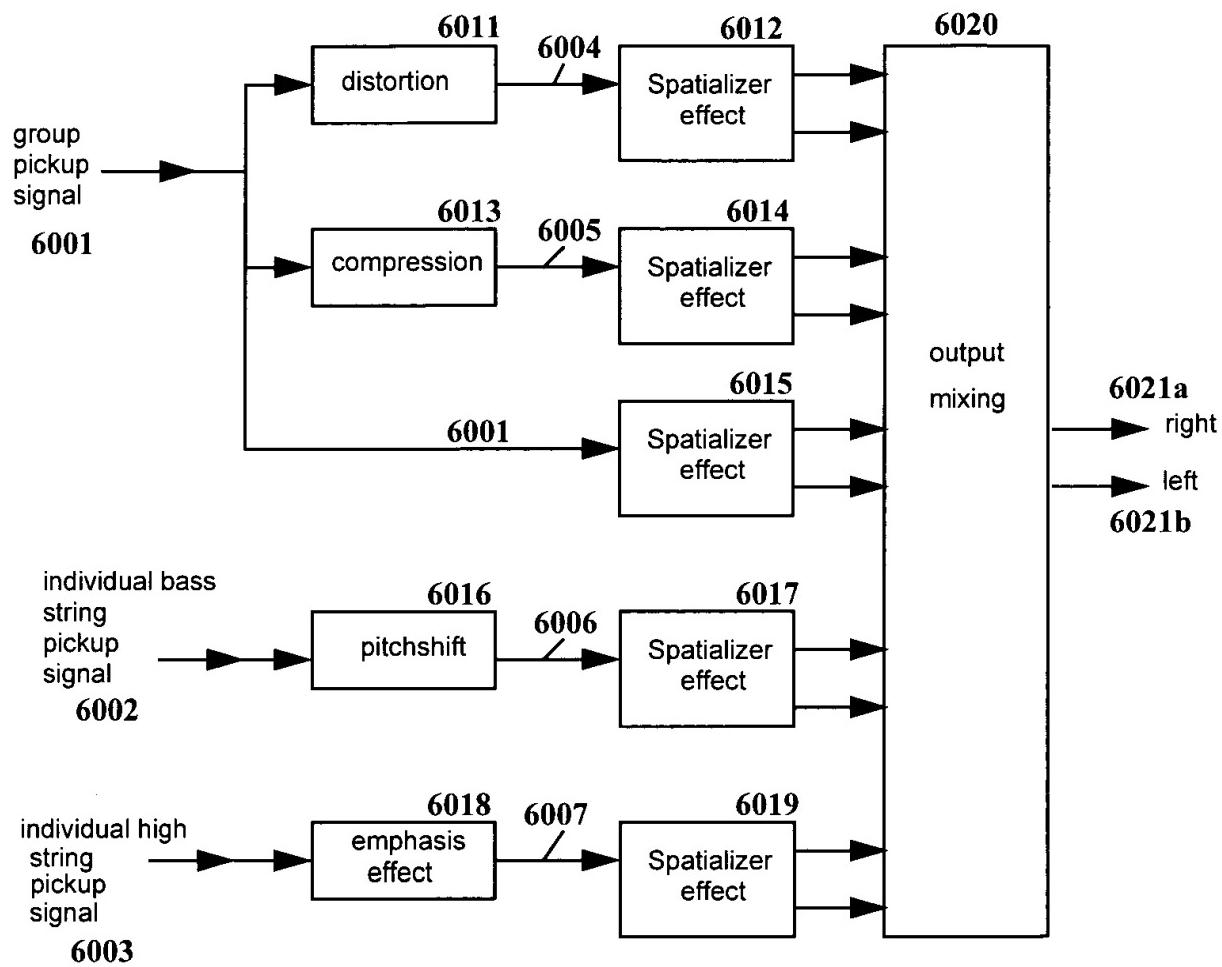


Figure 61

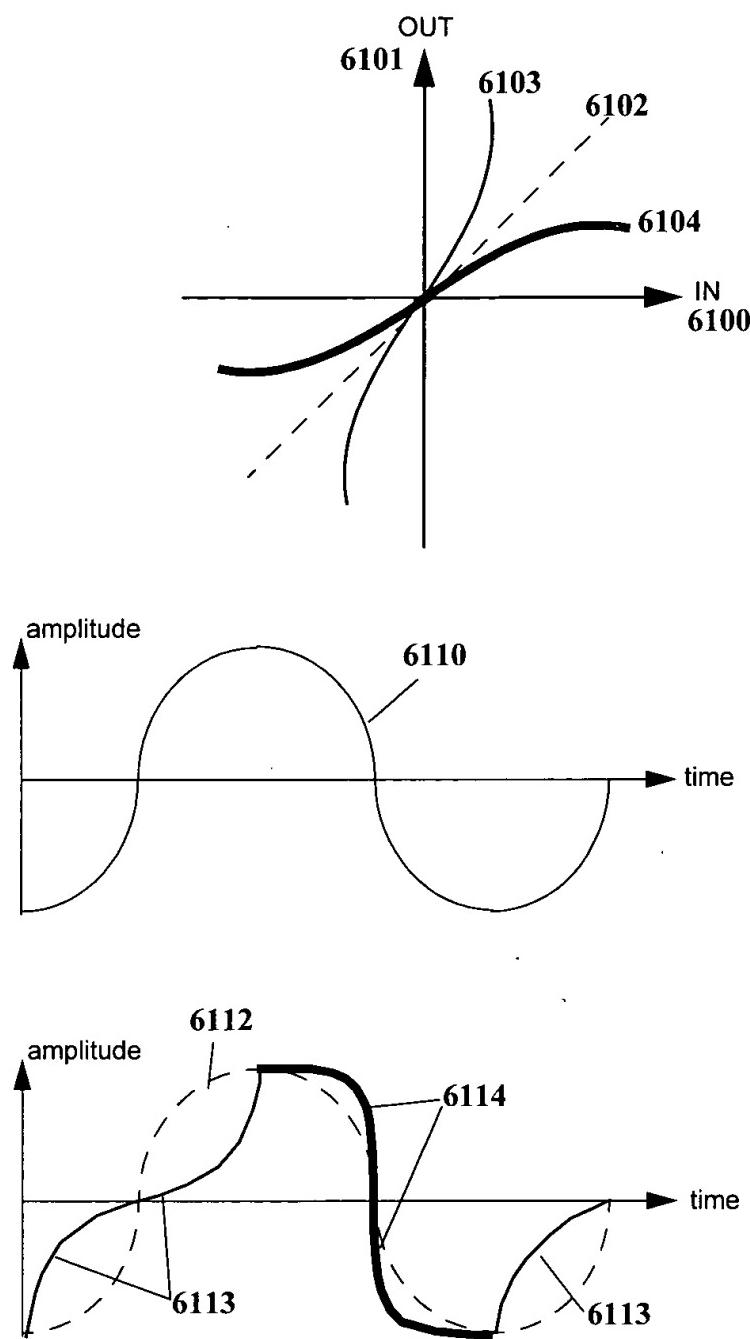


Figure 62

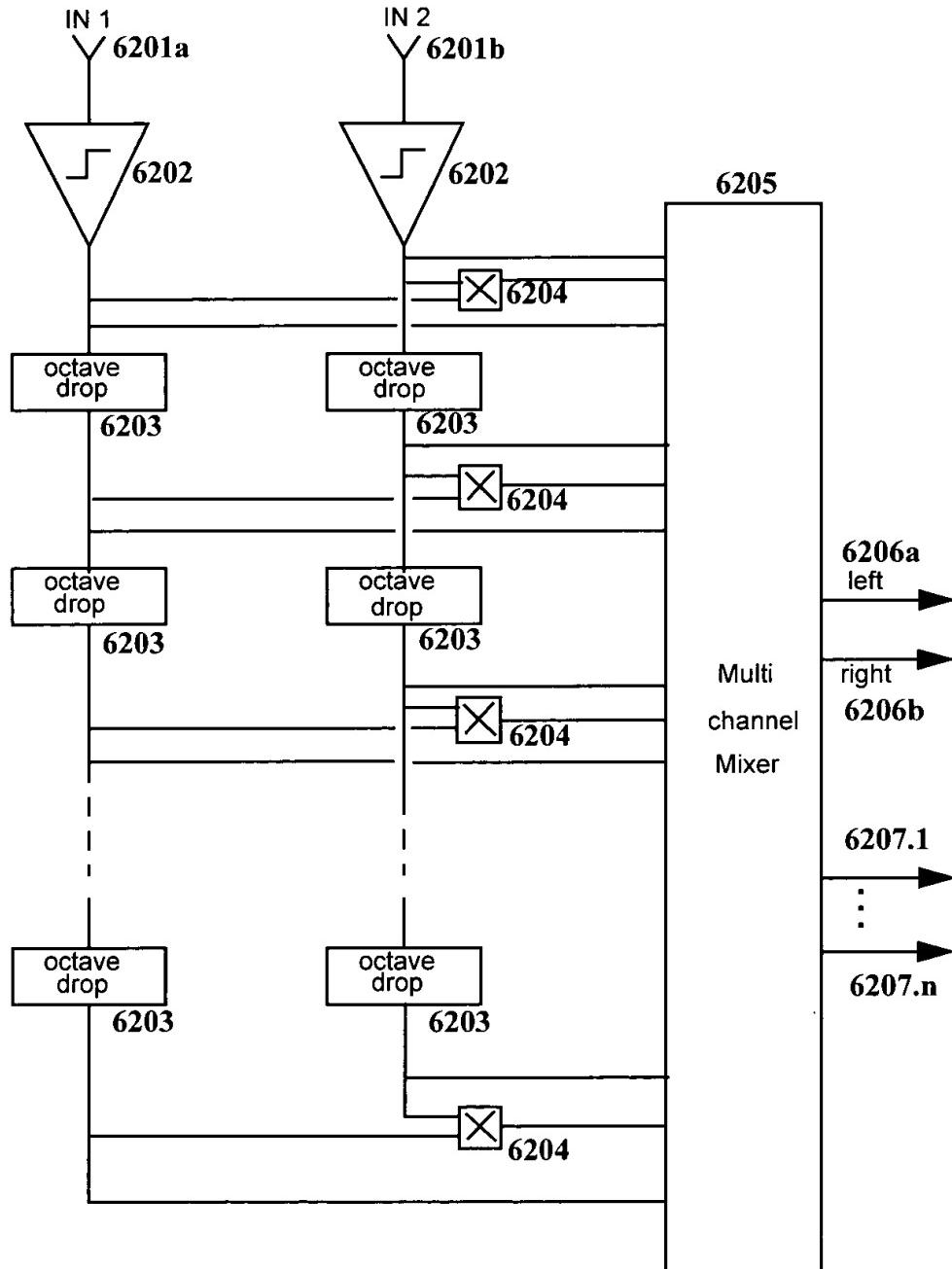


Figure 63

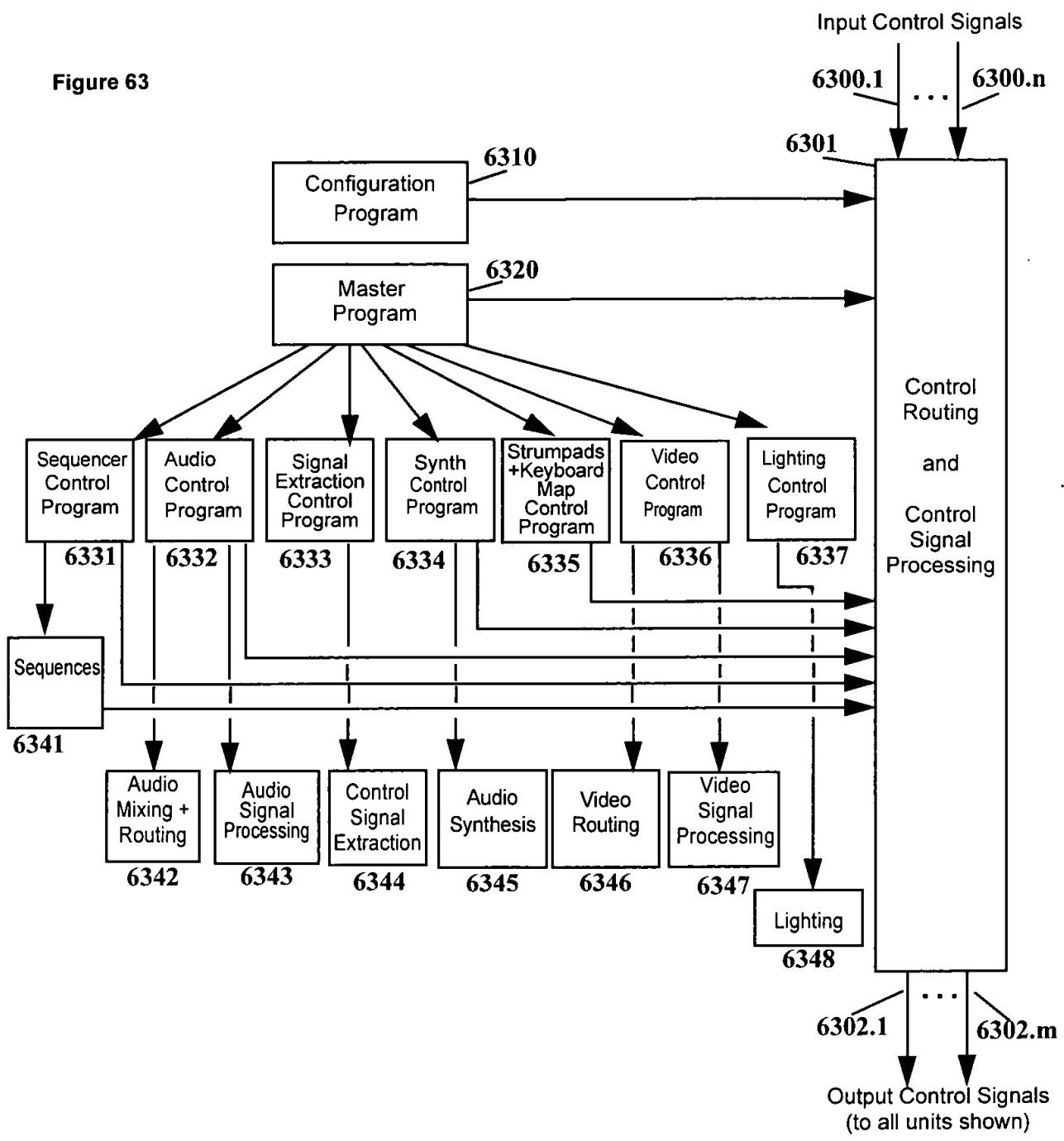


Figure 64

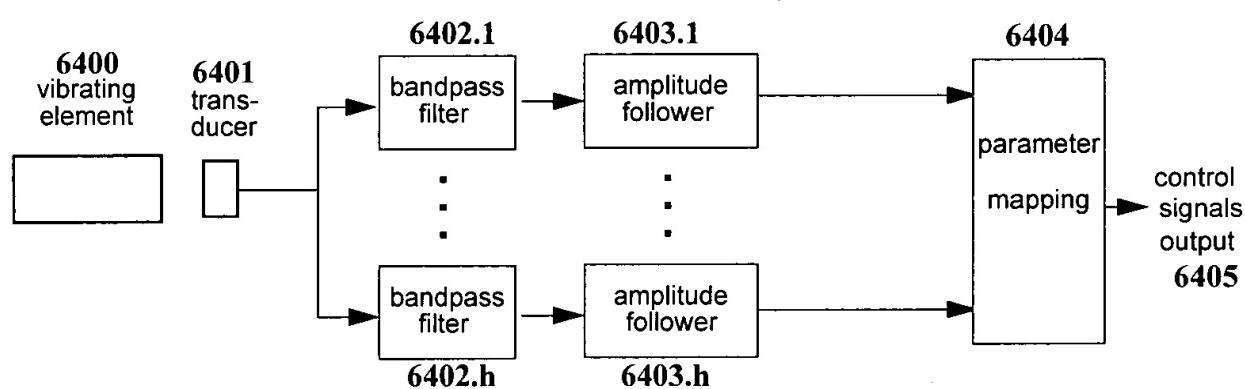


Figure 65

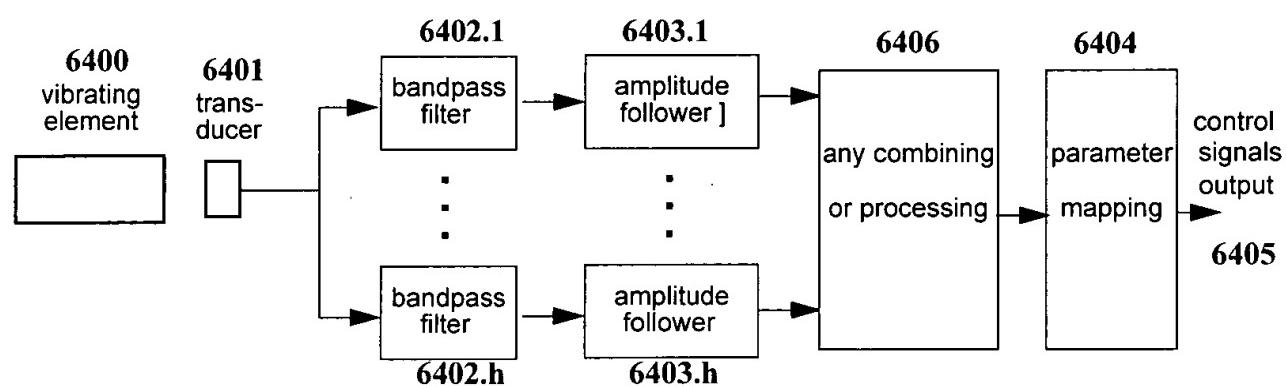


Figure 66

P. D. G. 100 200 300 400 500 600 700 800 900 1000

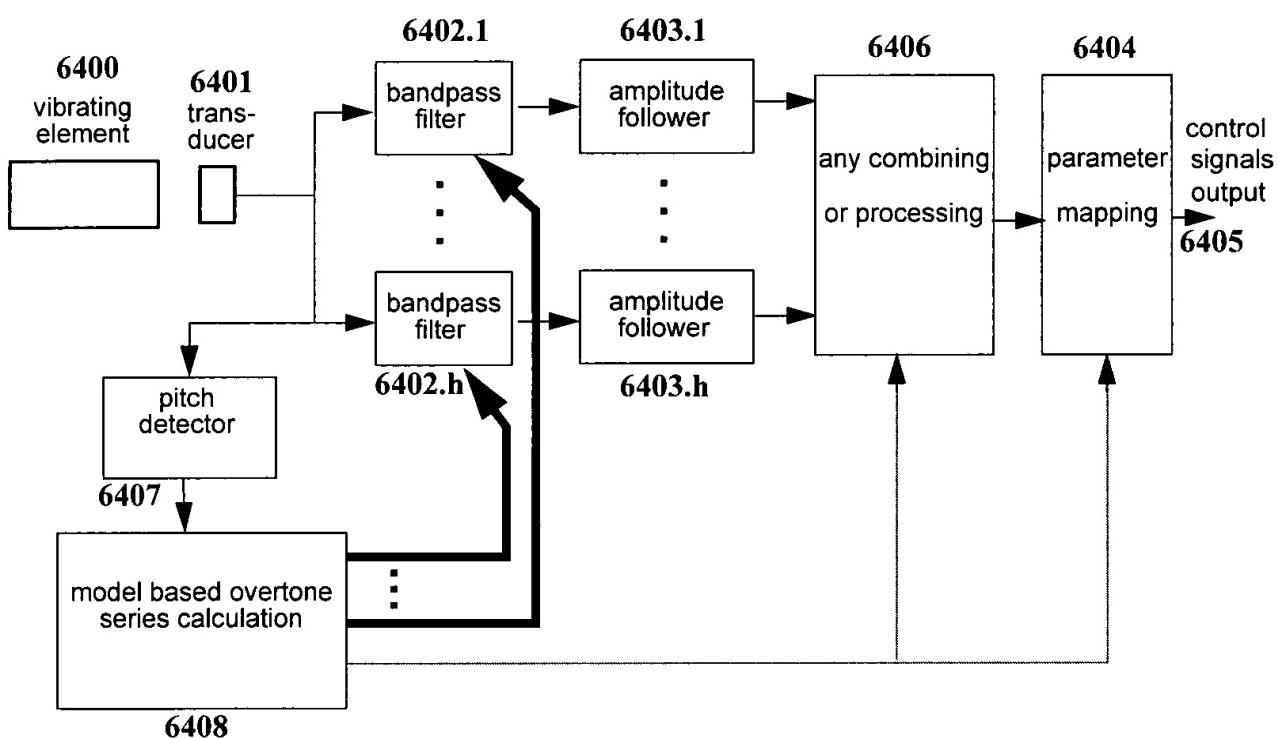


Figure 67

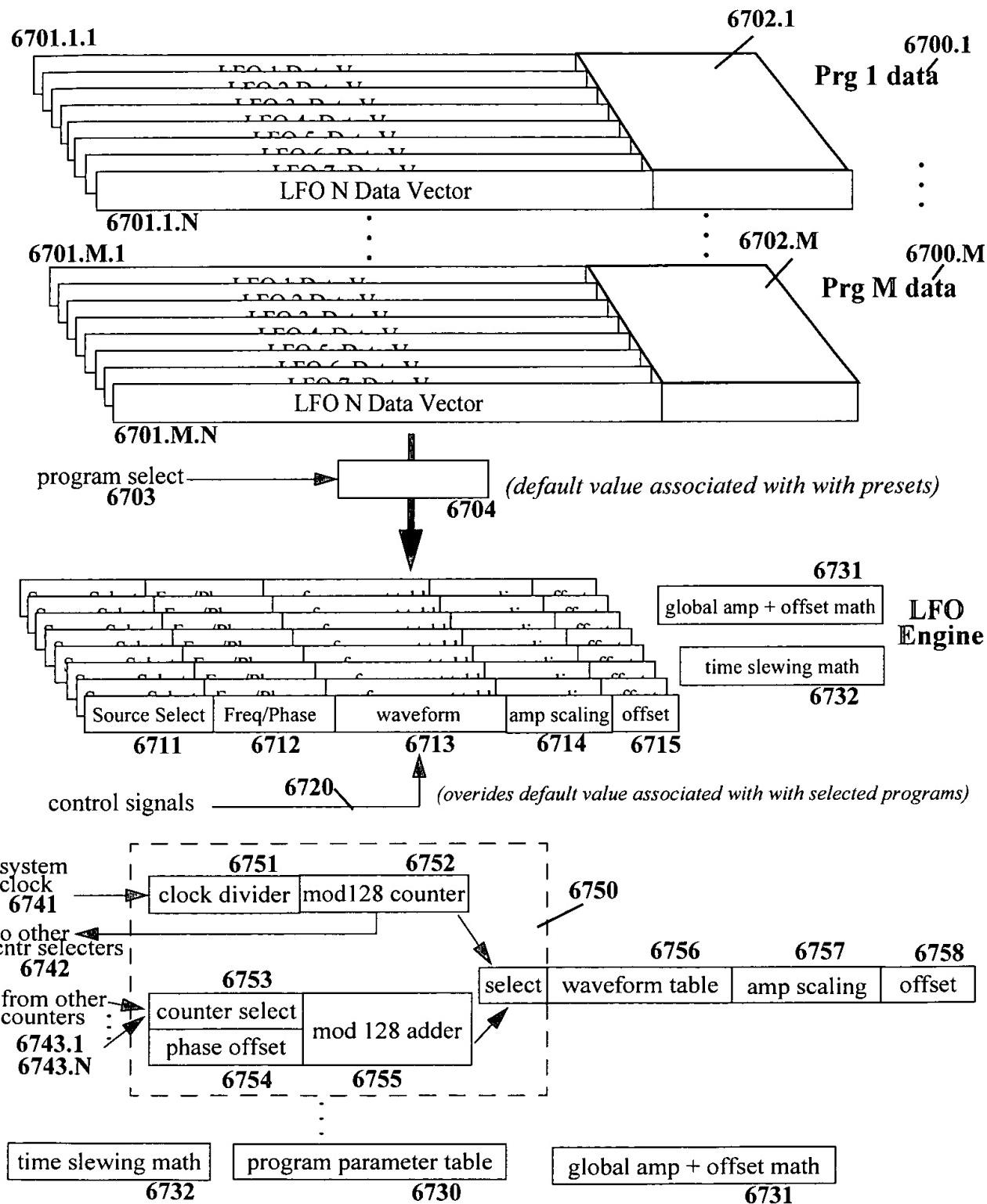


Figure 68

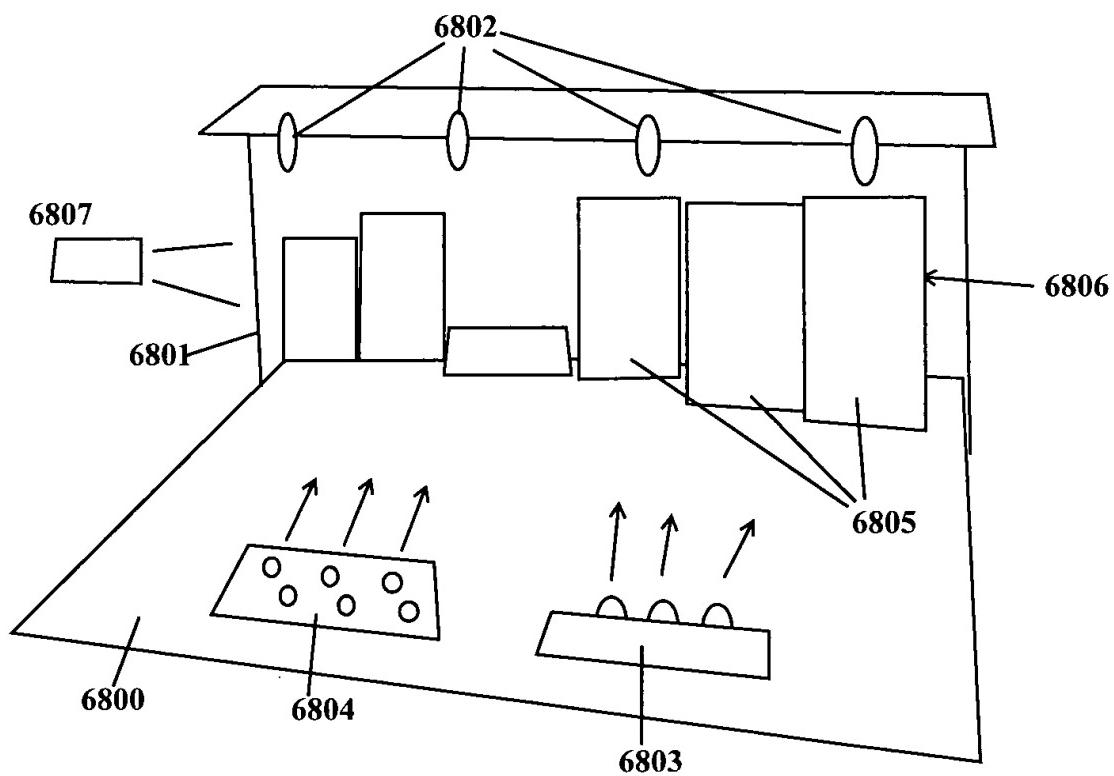


Figure 69

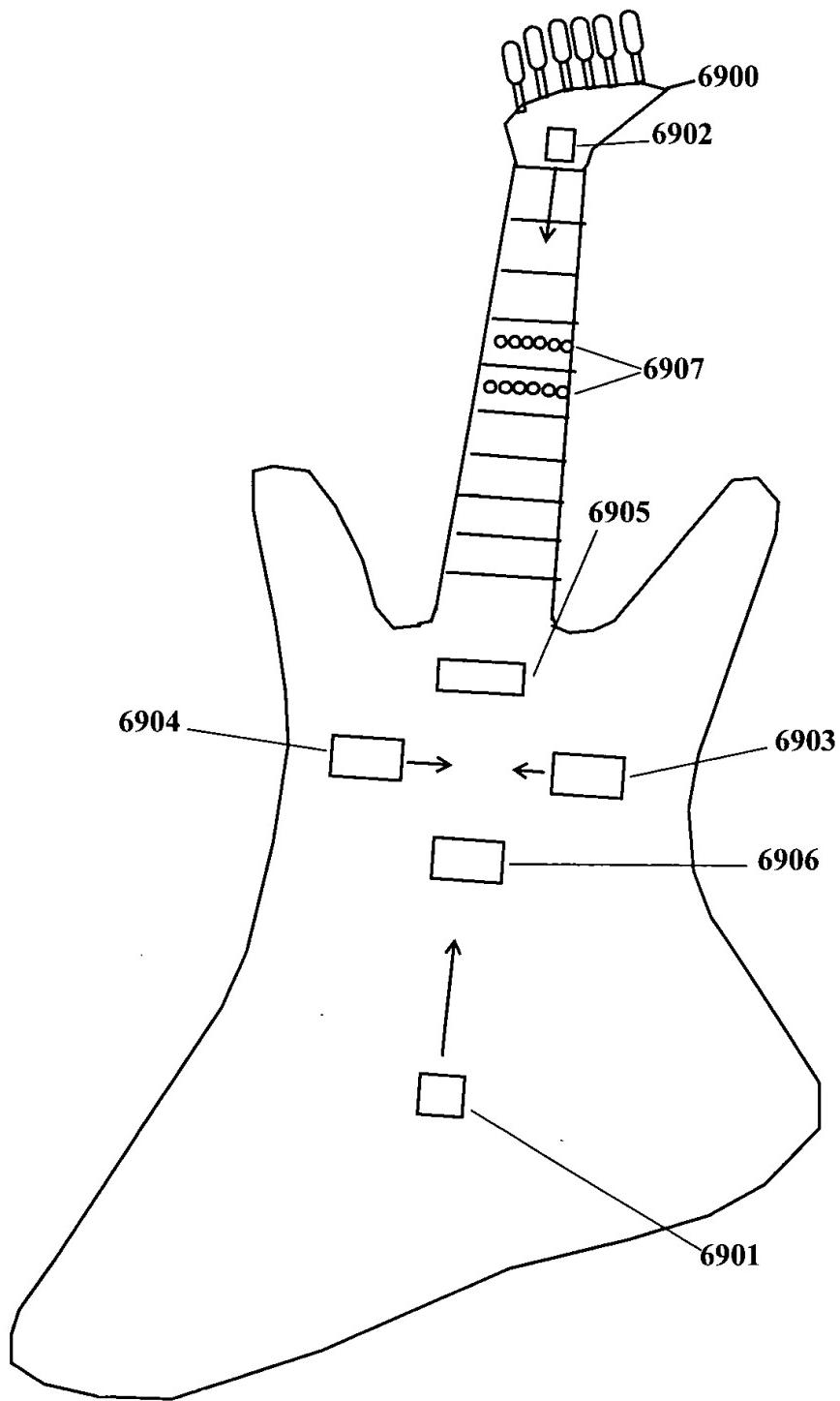


Figure 70

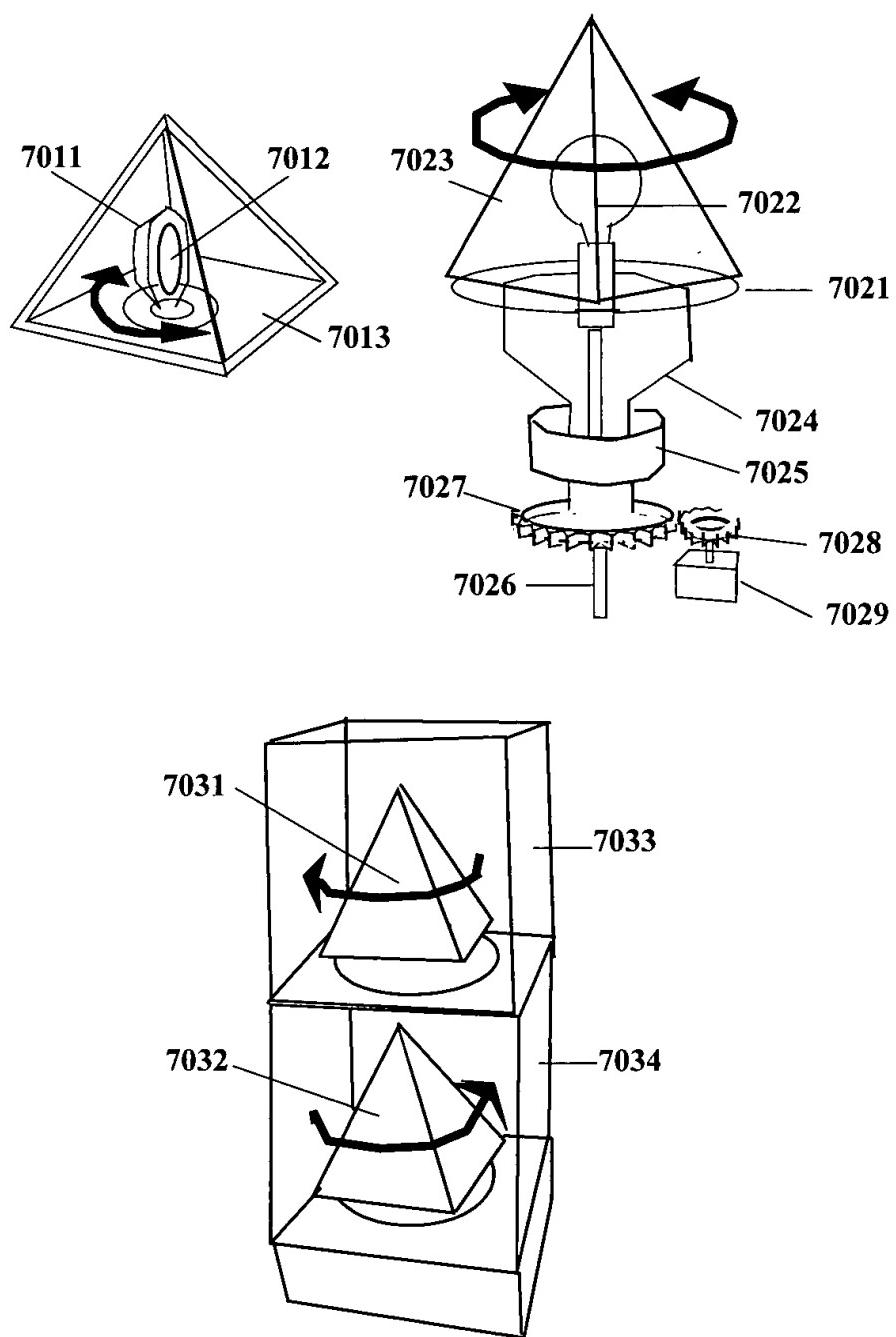


Figure 71

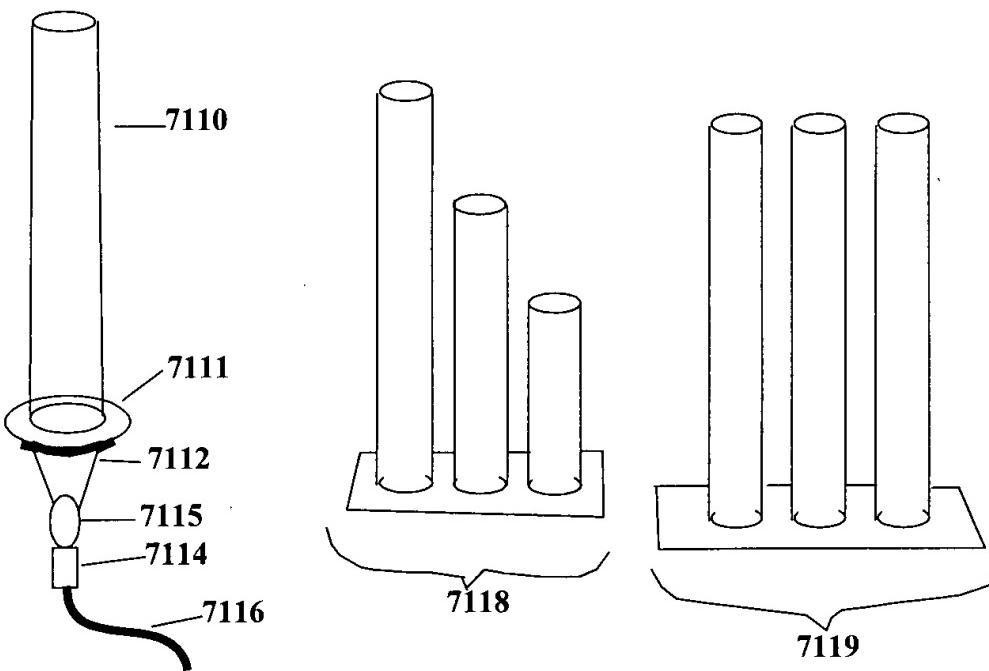
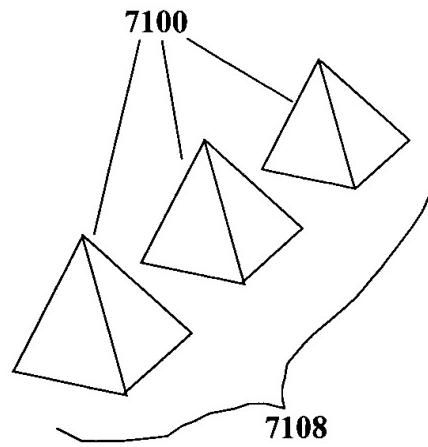
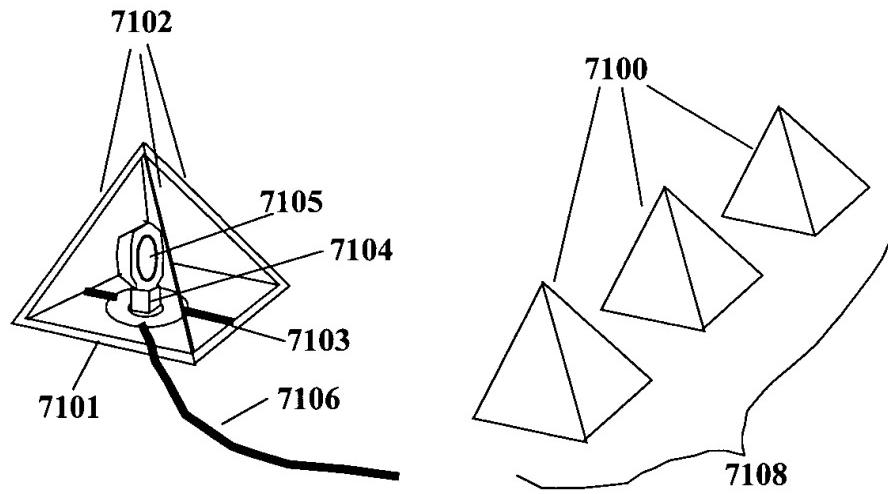


Figure 72

